


Cable ID: GEN AP/05

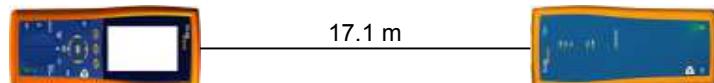
Date / Time: 30/05/2018 12:44:28 PM
Headroom 4.7 dB (NEXT 36-78)
Test Limit: TIA Cat 6A Perm. Link
 Cable Type: UC500 S23
 NVP: 79.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

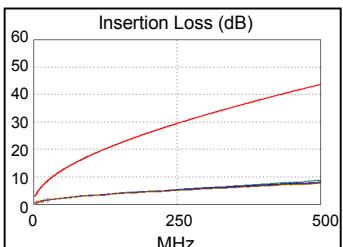
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	17.1
Prop. Delay (ns), Limit 498	[Pair 12]	73
Delay Skew (ns), Limit 44	[Pair 12]	1
Resistance (ohms)	[Pair 45]	2.7
Insertion Loss Margin (dB)	[Pair 36]	34.7
Frequency (MHz)	[Pair 36]	496.0
Limit (dB)	[Pair 36]	43.5

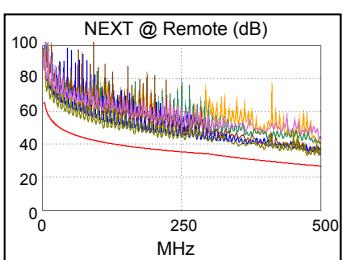
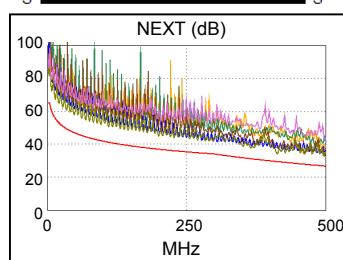

**Wire Map (T568B)
PASS**

1	—	1
2	—	2
3	—	3
6	—	6
4	—	4
5	—	5
7	—	7
8	—	8
S	—	S

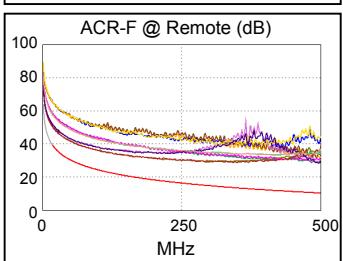
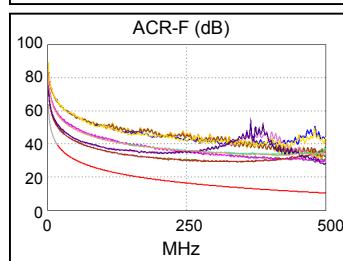


Worst Case Margin Worst Case Value

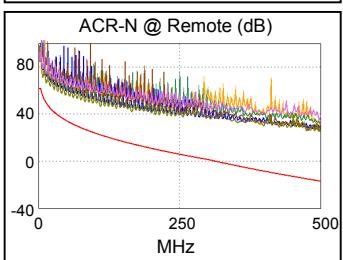
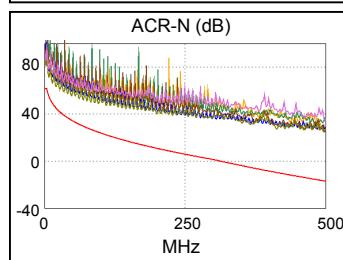
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	4.7	5.8	6.1	5.8
Freq. (MHz)	413.0	475.0	496.0	475.0
Limit (dB)	29.4	27.4	26.8	27.4
Worst Pair	36	36	36	36
PS NEXT (dB)	5.8	6.6	5.8	6.9
Freq. (MHz)	413.0	476.0	497.0	497.0
Limit (dB)	26.6	24.5	23.8	23.8



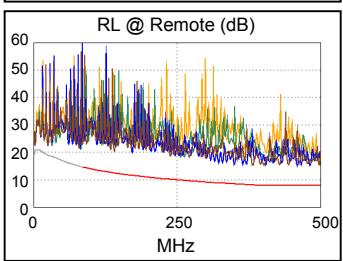
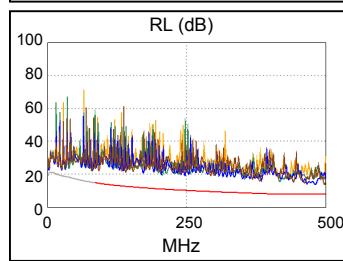
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	78-36	78-36
ACR-F (dB)	10.6	10.6	17.4	18.0
Freq. (MHz)	2.6	2.6	496.0	496.0
Limit (dB)	55.8	55.8	10.3	10.3
Worst Pair	36	36	36	45
PS ACR-F (dB)	10.9	10.9	18.5	16.6
Freq. (MHz)	1.0	1.0	491.0	371.0
Limit (dB)	61.2	61.2	7.4	9.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
ACR-N (dB)	16.4	16.6	41.9	42.5
Freq. (MHz)	6.8	6.5	498.0	498.0
Limit (dB)	56.0	56.3	-16.9	-16.9
Worst Pair	78	78	36	36
PS ACR-N (dB)	17.2	17.4	40.6	41.7
Freq. (MHz)	6.6	6.5	497.0	497.0
Limit (dB)	53.8	54.0	-19.7	-19.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	45
RL (dB)	5.6	6.3	5.6	7.1
Freq. (MHz)	481.0	81.5	481.0	459.0
Limit (dB)	8.0	14.9	8.0	8.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	10GBASE-T	ATM-25
ATM-51	ATM-155	100VG-AnyLan
TR-4	TR-16 Active	TR-16 Passive


Cable ID: GEN/078

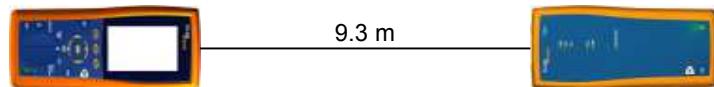
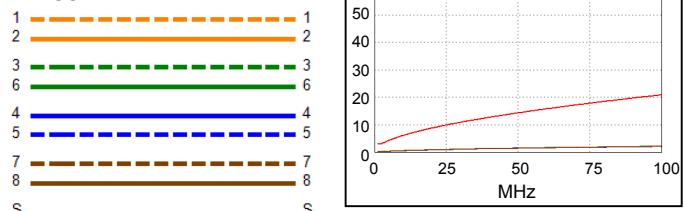
Date / Time: 30/05/2018 10:58:40 AM
Headroom 8.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

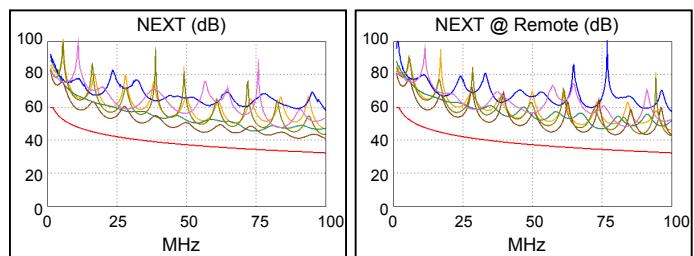
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	9.3
Prop. Delay (ns), Limit 498	[Pair 12]	47
Delay Skew (ns), Limit 44	[Pair 12]	2
Resistance (ohms)	[Pair 45]	2.2
Insertion Loss Margin (dB)	[Pair 12]	18.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

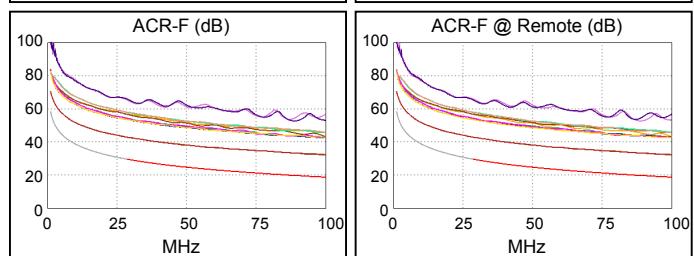

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

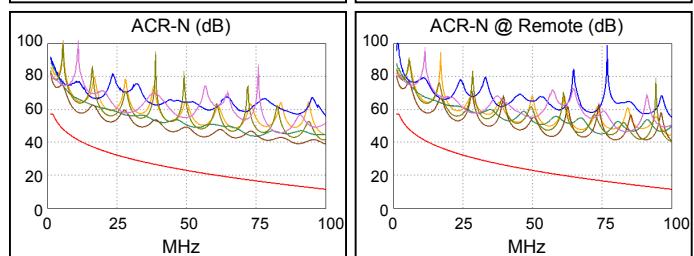
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-78
NEXT (dB)	8.1	8.7	8.7	10.4
Freq. (MHz)	90.0	56.3	100.0	100.0
Limit (dB)	33.1	36.4	32.3	32.3
Worst Pair	36	36	36	36
PS NEXT (dB)	9.1	9.5	9.1	9.7
Freq. (MHz)	100.0	56.3	100.0	100.0
Limit (dB)	29.3	33.4	29.3	29.3



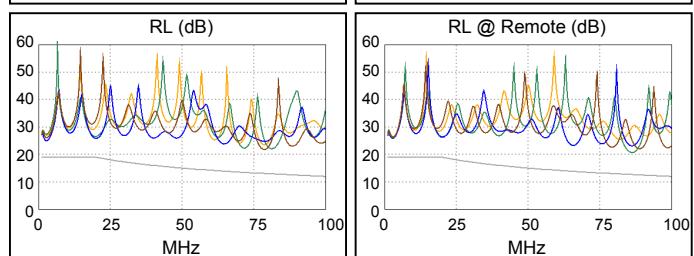
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	12.4	12.4	13.5	13.5
Freq. (MHz)	1.8	1.8	100.0	100.0
Limit (dB)	53.8	53.8	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	14.5	14.4	16.0	15.9
Freq. (MHz)	1.0	1.0	100.0	99.3
Limit (dB)	55.6	55.6	15.6	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-78
ACR-N (dB)	16.7	16.9	27.5	29.3
Freq. (MHz)	10.6	10.6	100.0	100.0
Limit (dB)	41.7	41.7	11.3	11.3
Worst Pair	36	36	36	36
PS ACR-N (dB)	18.0	18.1	27.9	28.5
Freq. (MHz)	10.8	10.6	100.0	100.0
Limit (dB)	38.6	38.7	8.3	8.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	78	36
RL (dB)	6.0	6.9	8.8	8.0
Freq. (MHz)	2.6	2.6	78.8	86.0
Limit (dB)	19.0	19.0	13.0	12.7



Compliant Network Standards:

10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/079

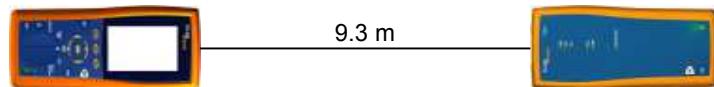
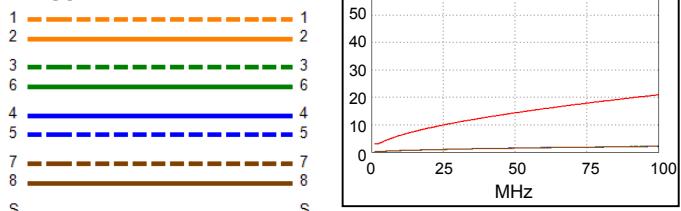
Date / Time: 30/05/2018 11:39:59 AM
Headroom 8.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

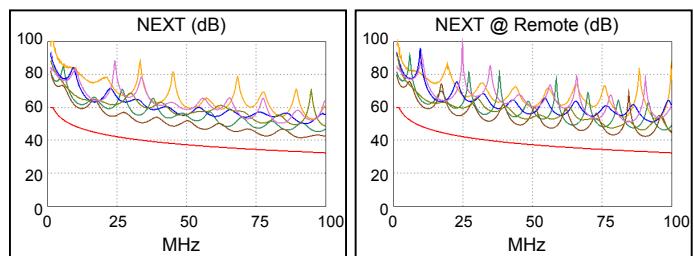
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	9.3
Prop. Delay (ns), Limit 498	[Pair 12]	47
Delay Skew (ns), Limit 44	[Pair 12]	2
Resistance (ohms)	[Pair 45]	1.9
Insertion Loss Margin (dB)	[Pair 12]	18.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

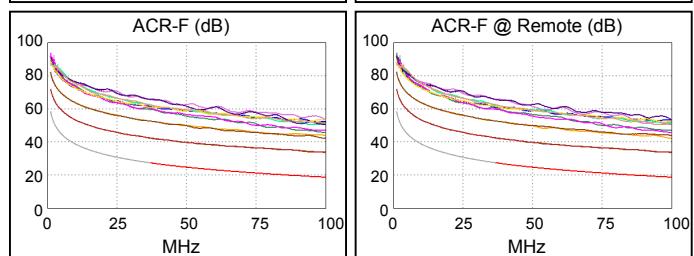

Wire Map (T568B) PASS


Worst Case Margin Worst Case Value

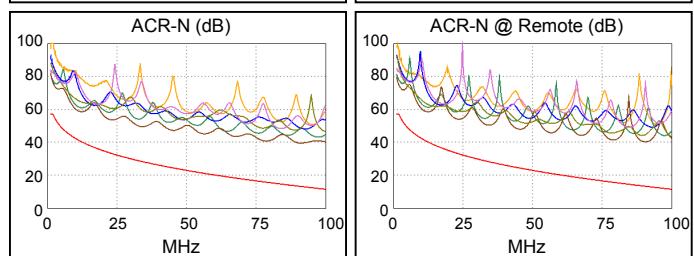
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	8.5	9.3	8.5	9.3
Freq. (MHz)	78.3	78.3	91.3	90.5
Limit (dB)	34.1	34.1	33.0	33.0
Worst Pair	45	36	45	36
PS NEXT (dB)	10.6	10.8	11.0	10.8
Freq. (MHz)	77.0	78.3	93.0	90.0
Limit (dB)	31.2	31.1	29.8	30.1



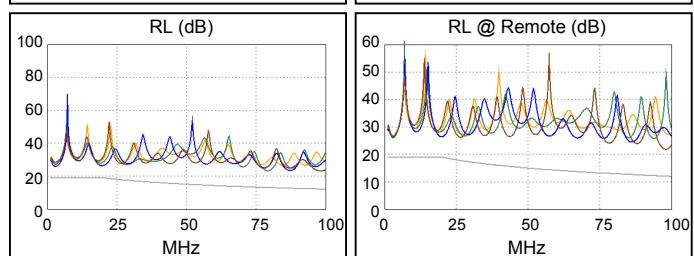
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	14.0	13.9	14.9	14.9
Freq. (MHz)	2.0	2.0	100.0	100.0
Limit (dB)	52.6	52.6	18.6	18.6
Worst Pair	36	36	45	36
PS ACR-F (dB)	16.1	16.1	17.5	17.3
Freq. (MHz)	1.1	1.0	100.0	100.0
Limit (dB)	54.6	55.6	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	17.7	17.7	26.4	27.0
Freq. (MHz)	10.5	2.0	91.3	90.5
Limit (dB)	41.8	56.5	13.0	13.2
Worst Pair	45	45	45	36
PS ACR-N (dB)	18.8	18.6	29.6	28.5
Freq. (MHz)	10.5	1.9	96.3	90.0
Limit (dB)	38.8	54.0	9.0	10.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	12	78	78
RL (dB)	6.9	7.1	11.0	9.8
Freq. (MHz)	2.6	2.8	98.3	97.8
Limit (dB)	19.0	19.0	12.1	12.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/080

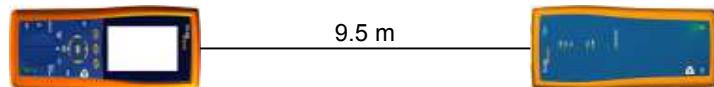
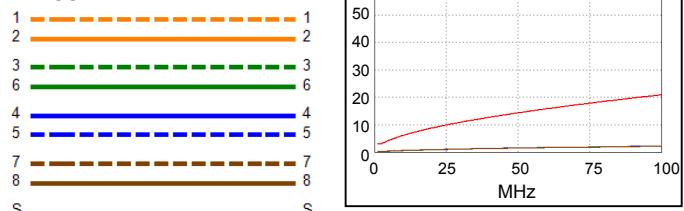
Date / Time: 30/05/2018 11:40:38 AM
Headroom 9.8 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

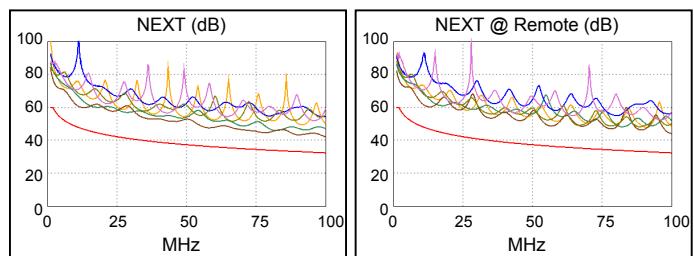
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	9.5
Prop. Delay (ns), Limit 498	[Pair 12]	48
Delay Skew (ns), Limit 44	[Pair 12]	2
Resistance (ohms)	[Pair 36]	2.3
Insertion Loss Margin (dB)	[Pair 12]	18.6
Frequency (MHz)	[Pair 12]	99.8
Limit (dB)	[Pair 12]	20.9

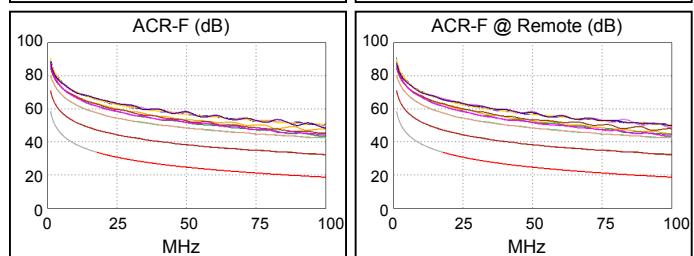

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

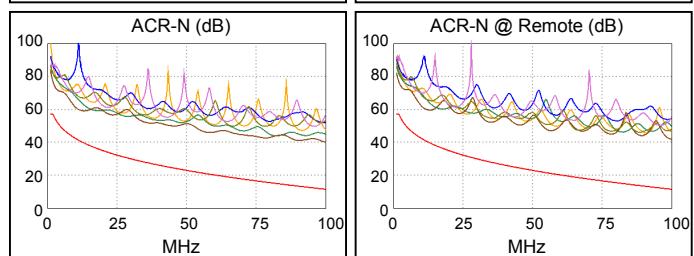
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	9.8	11.7	9.8	11.7
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	32.3	32.3	32.3	32.3
Worst Pair	45	36	45	36
PS NEXT (dB)	11.5	12.7	11.5	12.7
Freq. (MHz)	100.0	56.5	100.0	99.8
Limit (dB)	29.3	33.4	29.3	29.3



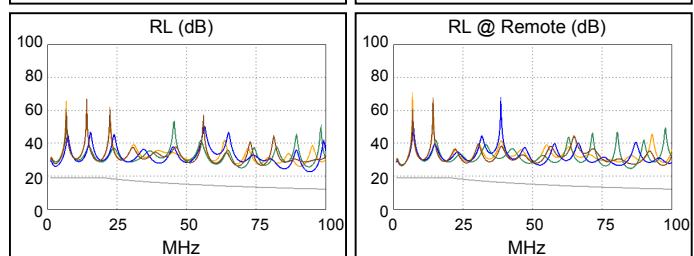
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	12.8	12.7	13.5	13.4
Freq. (MHz)	1.8	1.8	99.8	99.8
Limit (dB)	53.8	53.8	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	14.9	14.9	15.8	16.0
Freq. (MHz)	1.1	1.0	99.8	100.0
Limit (dB)	54.6	55.6	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	18.7	19.3	28.6	30.5
Freq. (MHz)	10.5	10.8	100.0	100.0
Limit (dB)	41.8	41.6	11.3	11.3
Worst Pair	45	36	45	36
PS ACR-N (dB)	20.4	21.0	30.3	31.3
Freq. (MHz)	10.5	2.4	100.0	99.8
Limit (dB)	38.8	52.3	8.3	8.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	12	45	36
RL (dB)	6.9	7.3	10.3	11.9
Freq. (MHz)	2.8	2.8	94.0	85.3
Limit (dB)	19.0	19.0	12.3	12.7



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/081

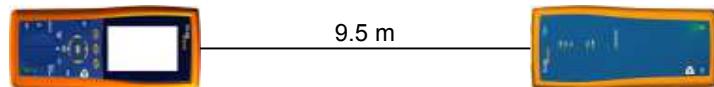
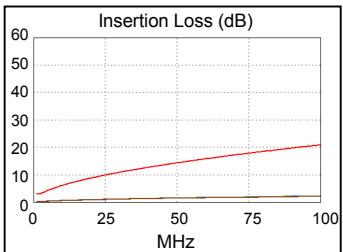
Date / Time: 30/05/2018 11:40:58 AM
Headroom 9.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

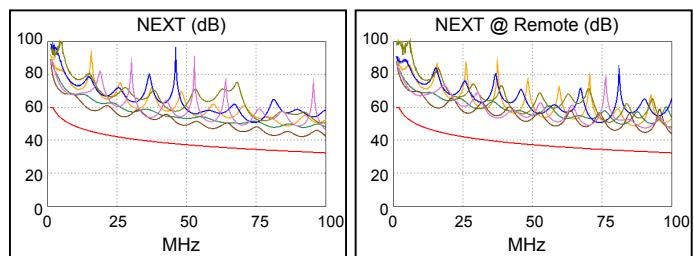
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	9.5
Prop. Delay (ns), Limit 498	[Pair 12]	48
Delay Skew (ns), Limit 44	[Pair 12]	2
Resistance (ohms)	[Pair 36]	2.0
Insertion Loss Margin (dB)	[Pair 12]	18.7
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

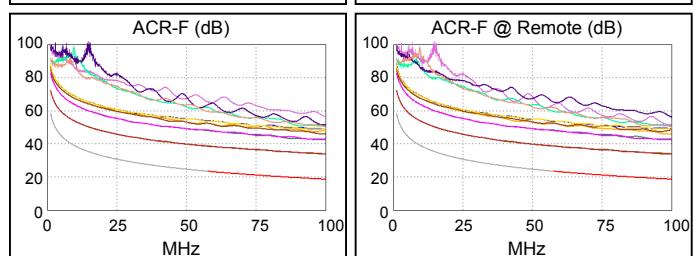

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

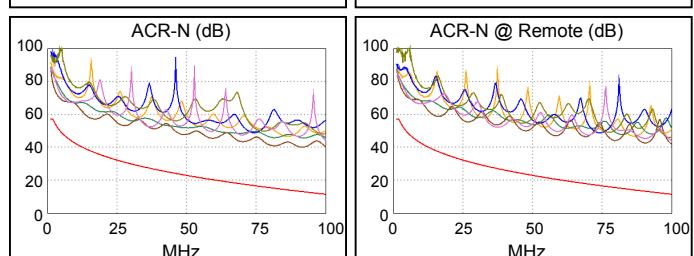
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	9.1	11.6	9.2	11.6
Freq. (MHz)	81.5	100.0	91.3	100.0
Limit (dB)	33.8	32.3	33.0	32.3
Worst Pair	45	45	45	45
PS NEXT (dB)	10.5	12.3	11.0	12.3
Freq. (MHz)	91.3	90.5	100.0	100.0
Limit (dB)	30.0	30.0	29.3	29.3



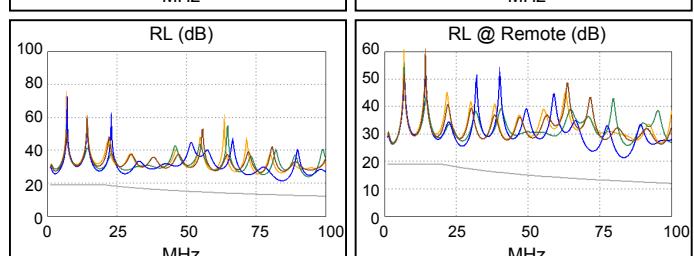
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	14.3	14.2	15.1	15.0
Freq. (MHz)	2.3	2.3	99.5	99.5
Limit (dB)	51.6	51.6	18.7	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	16.4	16.4	17.4	17.6
Freq. (MHz)	1.1	1.0	98.3	99.5
Limit (dB)	54.6	55.6	15.8	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	19.5	21.0	27.0	30.4
Freq. (MHz)	3.6	14.4	90.8	100.0
Limit (dB)	51.7	38.5	13.1	11.3
Worst Pair	45	45	45	45
PS ACR-N (dB)	20.3	21.1	29.8	31.1
Freq. (MHz)	5.3	5.1	100.0	100.0
Limit (dB)	45.4	45.7	8.3	8.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	6.7	7.3	8.6	8.6
Freq. (MHz)	2.5	2.5	84.0	83.0
Limit (dB)	19.0	19.0	12.8	12.8



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/082

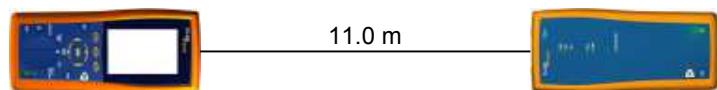
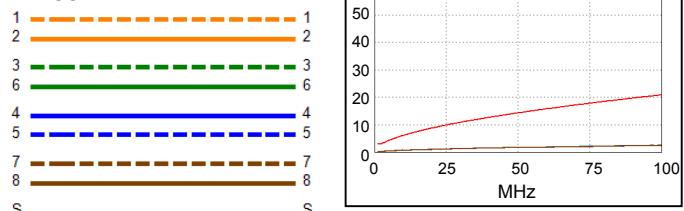
Date / Time: 30/05/2018 11:41:17 AM
Headroom 7.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

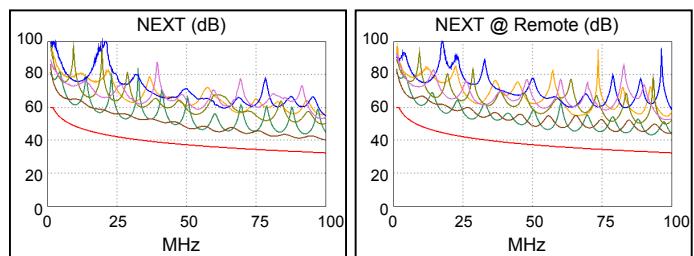
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	11.0
Prop. Delay (ns), Limit 498	[Pair 12]	55
Delay Skew (ns), Limit 44	[Pair 12]	2
Resistance (ohms)	[Pair 36]	2.2
Insertion Loss Margin (dB)	[Pair 12]	18.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

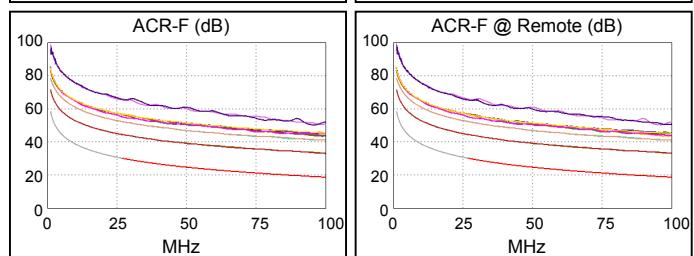

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

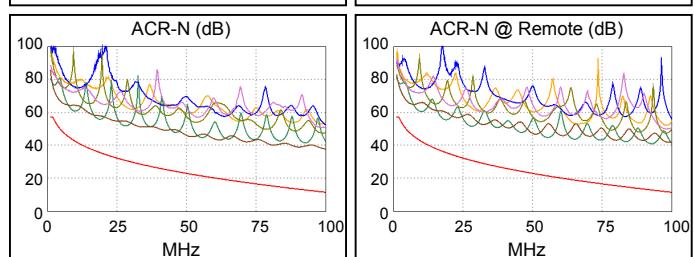
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-45	36-45	12-45
NEXT (dB)	7.9	10.0	7.9	10.5
Freq. (MHz)	99.8	55.0	99.8	92.3
Limit (dB)	32.3	36.6	32.3	32.9
Worst Pair	45	45	45	45
PS NEXT (dB)	9.5	11.6	9.5	11.6
Freq. (MHz)	100.0	100.0	100.0	100.0
Limit (dB)	29.3	29.3	29.3	29.3



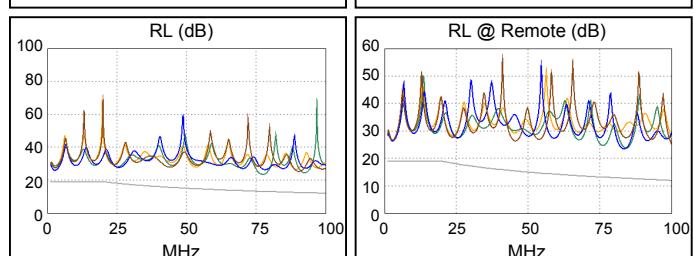
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	13.6	13.6	14.3	14.4
Freq. (MHz)	2.0	2.0	99.8	99.8
Limit (dB)	52.6	52.6	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	15.1	15.1	16.5	16.5
Freq. (MHz)	1.0	1.1	98.3	99.8
Limit (dB)	55.6	54.6	15.8	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	12-45
ACR-N (dB)	17.0	17.5	26.3	28.2
Freq. (MHz)	4.0	4.3	99.8	92.8
Limit (dB)	50.9	50.3	11.4	12.7
Worst Pair	45	45	45	45
PS ACR-N (dB)	18.7	18.8	28.0	30.1
Freq. (MHz)	7.4	7.4	100.0	100.0
Limit (dB)	42.3	42.3	8.3	8.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	12	36	45
RL (dB)	6.9	7.4	10.3	10.7
Freq. (MHz)	2.6	2.5	77.5	83.0
Limit (dB)	19.0	19.0	13.1	12.8



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/083

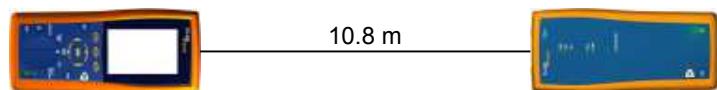
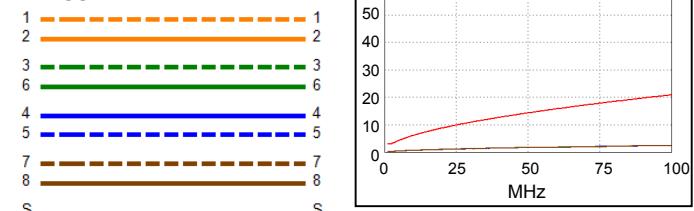
Date / Time: 30/05/2018 11:41:34 AM
Headroom 8.4 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

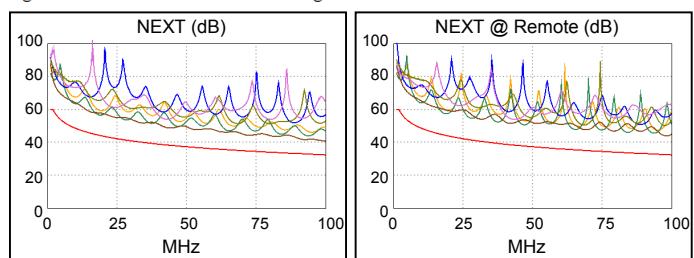
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	10.8
Prop. Delay (ns), Limit 498	[Pair 12]	55
Delay Skew (ns), Limit 44	[Pair 12]	3
Resistance (ohms)	[Pair 36]	2.2
Insertion Loss Margin (dB)	[Pair 12]	18.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

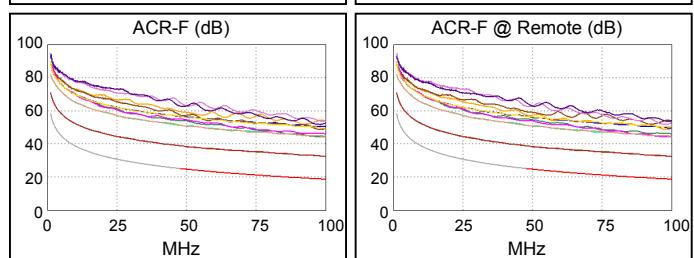

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

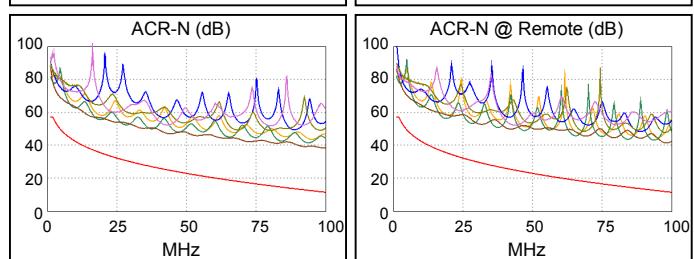
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	8.4	11.4	8.4	11.4
Freq. (MHz)	99.3	97.8	99.3	97.8
Limit (dB)	32.4	32.5	32.4	32.5
Worst Pair	45	36	45	36
PS NEXT (dB)	9.7	12.5	9.7	12.7
Freq. (MHz)	93.3	68.0	93.3	97.3
Limit (dB)	29.8	32.1	29.8	29.5



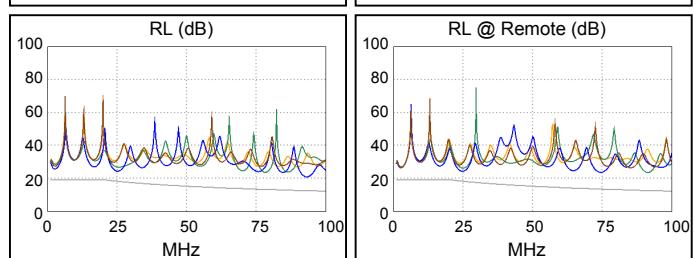
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	36-45
ACR-F (dB)	12.9	12.9	13.7	13.8
Freq. (MHz)	1.9	1.9	99.5	100.0
Limit (dB)	53.2	53.2	18.7	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	15.1	15.2	16.2	16.3
Freq. (MHz)	1.0	1.0	99.5	99.5
Limit (dB)	55.6	55.6	15.7	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-45	36-45	36-45
ACR-N (dB)	19.2	20.4	26.8	29.7
Freq. (MHz)	3.6	8.9	99.3	97.8
Limit (dB)	51.7	43.5	11.5	11.7
Worst Pair	45	45	45	36
PS ACR-N (dB)	20.0	20.8	27.4	30.9
Freq. (MHz)	8.1	8.6	93.0	97.3
Limit (dB)	41.4	40.8	9.7	8.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	36
RL (dB)	6.2	6.1	8.4	11.0
Freq. (MHz)	24.6	24.3	93.0	91.5
Limit (dB)	18.1	18.2	12.3	12.4



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/084

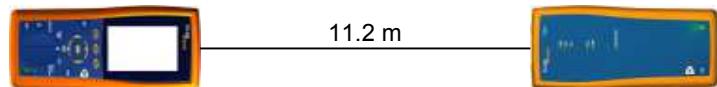
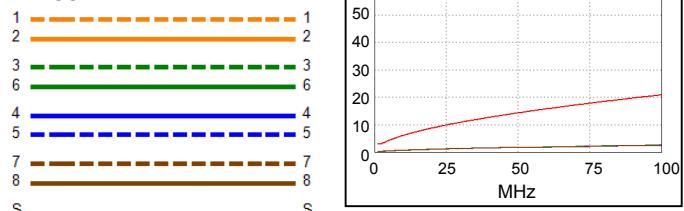
Date / Time: 30/05/2018 11:41:55 AM
Headroom 8.7 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

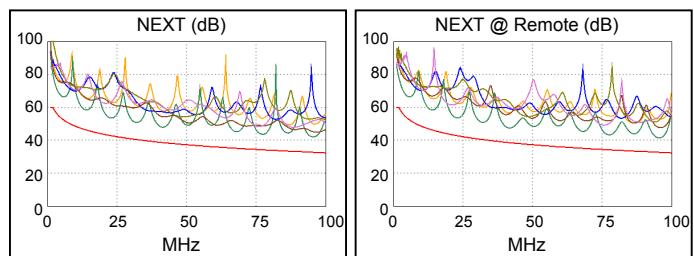
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	11.2
Prop. Delay (ns), Limit 498	[Pair 12]	56
Delay Skew (ns), Limit 44	[Pair 12]	2
Resistance (ohms)	[Pair 36]	2.3
Insertion Loss Margin (dB)	[Pair 12]	18.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

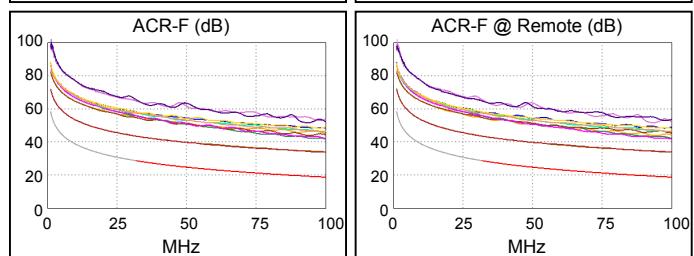

Wire Map (T568B) PASS


Worst Case Margin Worst Case Value

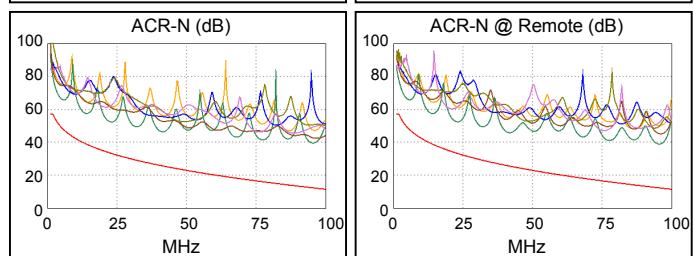
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	9.3	8.7	9.3	8.7
Freq. (MHz)	41.3	95.3	95.3	95.3
Limit (dB)	38.6	32.7	32.7	32.7
Worst Pair	45	45	45	45
PS NEXT (dB)	10.3	10.6	10.3	10.6
Freq. (MHz)	95.3	95.3	95.3	95.3
Limit (dB)	29.7	29.7	29.7	29.7



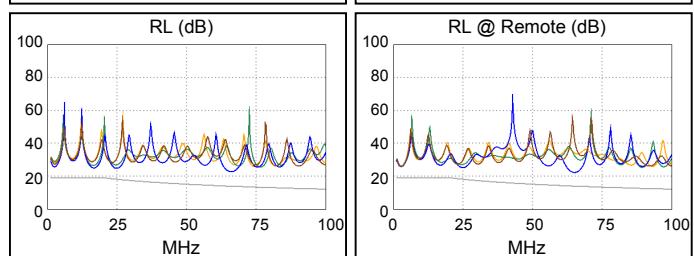
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	14.1	14.1	15.1	15.1
Freq. (MHz)	2.1	2.3	99.8	100.0
Limit (dB)	52.1	51.6	18.6	18.6
Worst Pair	36	45	45	45
PS ACR-F (dB)	16.2	16.1	17.4	17.3
Freq. (MHz)	1.0	1.0	100.0	99.8
Limit (dB)	55.6	55.6	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
ACR-N (dB)	17.2	17.0	27.3	26.7
Freq. (MHz)	4.4	4.1	95.3	95.3
Limit (dB)	50.1	50.6	12.2	12.2
Worst Pair	12	12	45	45
PS ACR-N (dB)	19.4	19.4	28.3	28.6
Freq. (MHz)	4.6	4.1	95.3	95.3
Limit (dB)	46.6	47.6	9.2	9.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	6.0	6.7	8.9	8.3
Freq. (MHz)	16.4	2.6	65.8	64.8
Limit (dB)	19.0	19.0	13.8	13.9



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/085

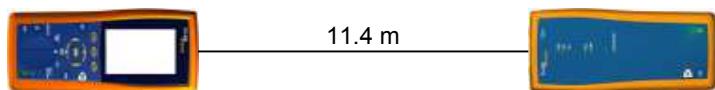
Date / Time: 30/05/2018 11:42:13 AM
Headroom 9.3 dB (**NEXT 36-45**)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

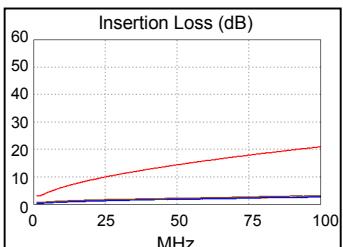
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

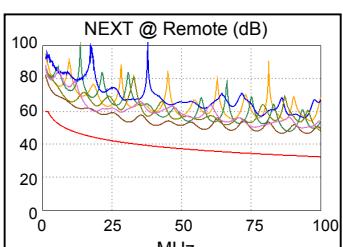
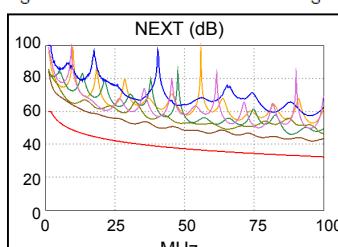
Length (m), Limit 90.0	[Pair 36]	11.4
Prop. Delay (ns), Limit 498	[Pair 12]	57
Delay Skew (ns), Limit 44	[Pair 12]	2
Resistance (ohms)	[Pair 78]	12.9
Insertion Loss Margin (dB)	[Pair 78]	18.0
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	21.0


**Wire Map (T568B)
PASS**

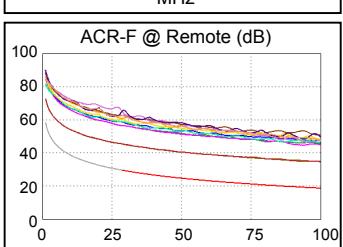
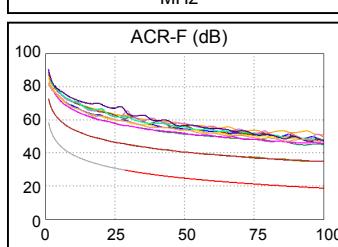
1	2
3	6
4	5
7	8
S	S


Worst Case Margin Worst Case Value

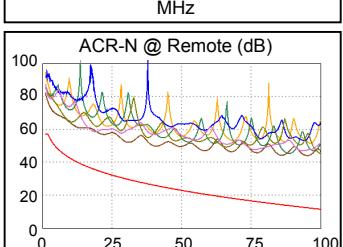
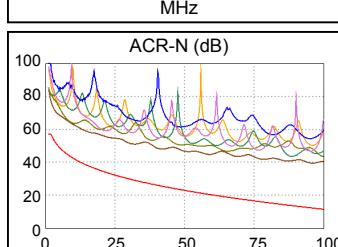
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	9.3	12.6	9.3	13.9
Freq. (MHz)	95.3	40.3	95.3	94.8
Limit (dB)	32.7	38.8	32.7	32.7
Worst Pair	45	45	45	45
PS NEXT (dB)	10.9	14.1	10.9	14.7
Freq. (MHz)	87.5	86.3	96.5	95.5
Limit (dB)	30.3	30.4	29.6	29.6



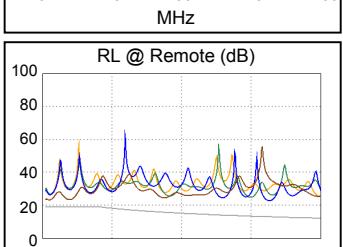
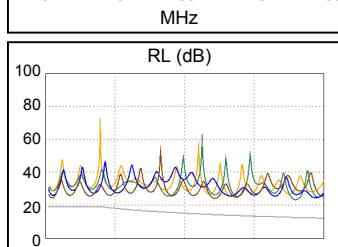
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	14.8	14.8	16.1	16.0
Freq. (MHz)	2.3	2.3	100.0	99.5
Limit (dB)	51.6	51.6	18.6	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	16.7	16.9	18.5	18.6
Freq. (MHz)	1.0	1.0	99.8	100.0
Limit (dB)	55.6	55.6	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	18.9	19.2	27.3	31.8
Freq. (MHz)	3.1	2.9	95.8	94.8
Limit (dB)	53.0	53.7	12.1	12.3
Worst Pair	36	45	45	45
PS ACR-N (dB)	20.4	20.4	28.9	32.6
Freq. (MHz)	3.6	2.0	96.5	95.8
Limit (dB)	48.7	53.5	9.0	9.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	36	45
RL (dB)	13.3	13.1	10.7	9.8
Freq. (MHz)	99.5	99.0	89.8	81.3
Limit (dB)	12.0	12.1	12.5	12.9



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/086

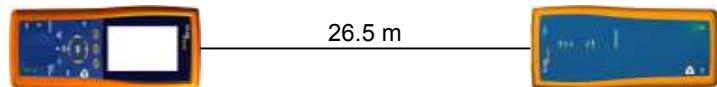
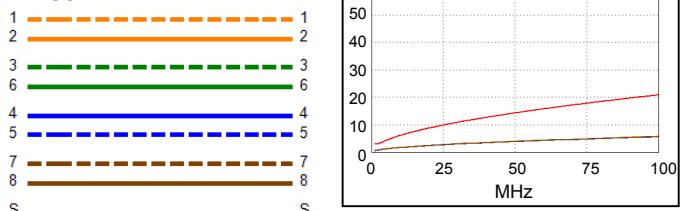
Date / Time: 30/05/2018 11:43:26 AM
Headroom 11.3 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

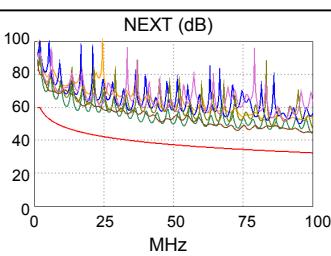
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	26.5
Prop. Delay (ns), Limit 498	[Pair 12]	133
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.1
Insertion Loss Margin (dB)	[Pair 12]	15.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0


**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-45	12-45	12-45
NEXT (dB)	11.4	11.3	12.0	11.3
Freq. (MHz)	72.8	53.8	99.8	99.8
Limit (dB)	34.6	36.7	32.3	32.3
Worst Pair	45	12	45	45
PS NEXT (dB)	12.1	13.2	12.3	13.3
Freq. (MHz)	73.0	84.3	99.8	99.5
Limit (dB)	31.5	30.5	29.3	29.3



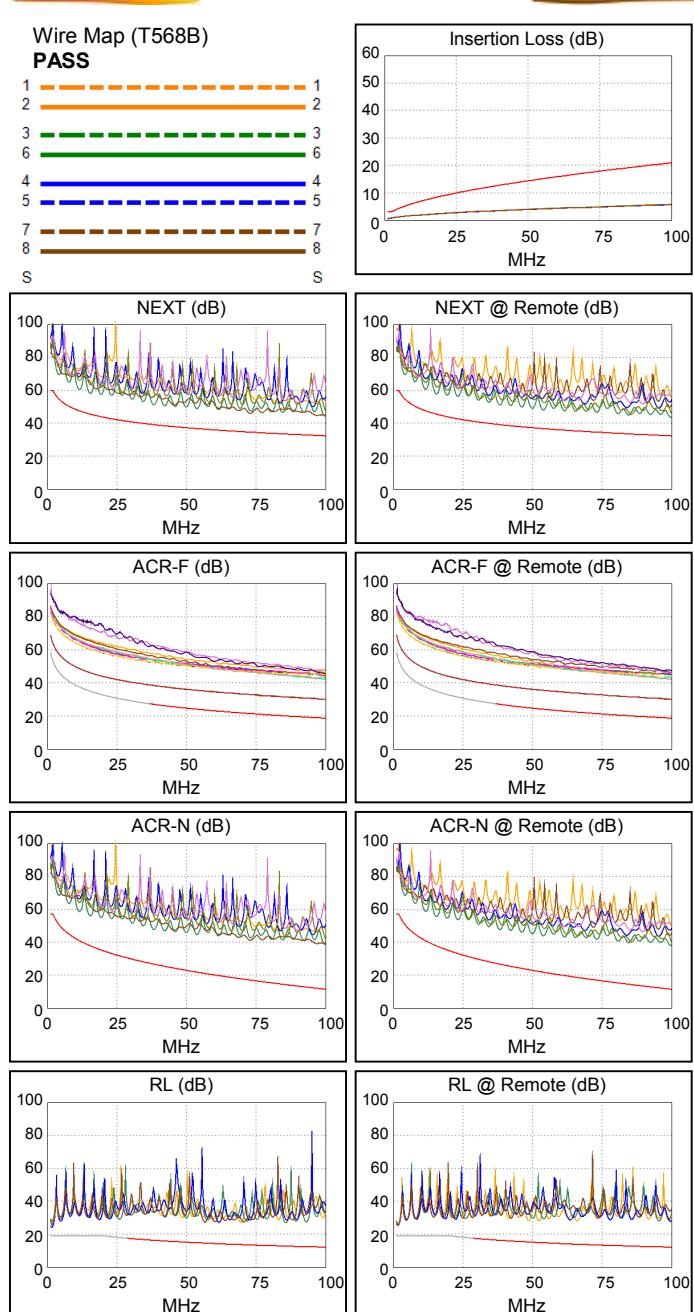
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	36-45	45-36
ACR-F (dB)	10.6	10.6	11.2	11.1
Freq. (MHz)	1.6	1.6	98.3	98.3
Limit (dB)	54.4	54.4	18.8	18.8
Worst Pair	45	45	45	45
PS ACR-F (dB)	13.2	13.2	13.9	14.0
Freq. (MHz)	1.0	1.0	98.3	98.8
Limit (dB)	55.6	55.6	15.8	15.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
ACR-N (dB)	17.6	17.7	27.2	26.5
Freq. (MHz)	3.6	3.6	99.8	99.8
Limit (dB)	51.7	51.7	11.4	11.4
Worst Pair	45	45	45	45
PS ACR-N (dB)	18.7	19.0	27.5	28.5
Freq. (MHz)	4.0	4.0	99.8	99.5
Limit (dB)	47.9	47.9	8.4	8.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	36	45
RL (dB)	12.8	12.4	14.2	15.7
Freq. (MHz)	56.5	28.3	85.5	99.5
Limit (dB)	14.5	17.5	12.7	12.0

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	




Cable ID: GEN/087

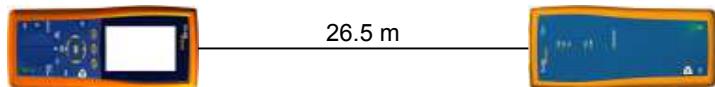
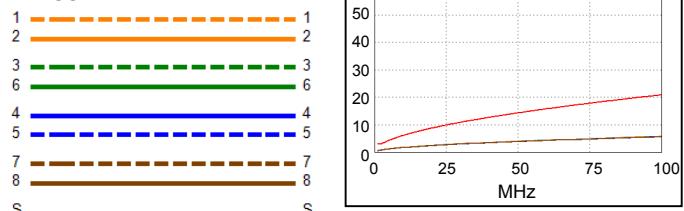
Date / Time: 30/05/2018 11:44:00 AM
Headroom 11.3 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

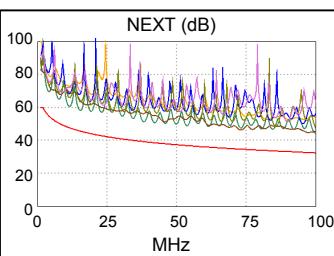
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	26.5
Prop. Delay (ns), Limit 498	[Pair 12]	133
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.1
Insertion Loss Margin (dB)	[Pair 12]	15.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

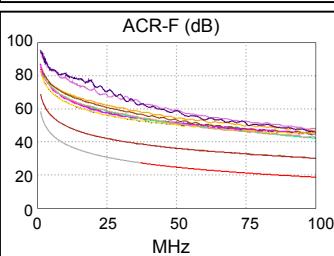

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

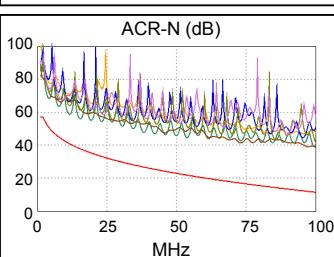
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-45	12-45	12-45
NEXT (dB)	11.6	11.3	12.1	11.3
Freq. (MHz)	72.8	99.8	99.8	99.8
Limit (dB)	34.6	32.3	32.3	32.3
Worst Pair	45	12	45	45
PS NEXT (dB)	12.2	13.3	12.5	13.4
Freq. (MHz)	73.0	84.3	99.8	99.5
Limit (dB)	31.5	30.5	29.3	29.3



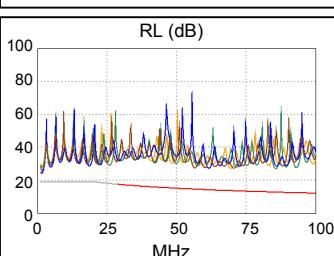
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	36-45	45-36
ACR-F (dB)	10.6	10.6	11.3	11.2
Freq. (MHz)	1.5	1.5	98.0	98.0
Limit (dB)	55.1	55.1	18.8	18.8
Worst Pair	45	45	45	36
PS ACR-F (dB)	13.2	13.1	14.0	14.1
Freq. (MHz)	1.0	1.0	98.0	99.5
Limit (dB)	55.6	55.6	15.8	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
ACR-N (dB)	17.6	17.8	27.3	26.5
Freq. (MHz)	3.6	3.6	99.8	99.8
Limit (dB)	51.7	51.7	11.4	11.4
Worst Pair	45	45	45	45
PS ACR-N (dB)	18.5	18.8	27.7	28.6
Freq. (MHz)	4.0	4.0	99.8	99.5
Limit (dB)	47.9	47.9	8.4	8.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	36	36
RL (dB)	12.8	12.5	14.2	15.3
Freq. (MHz)	56.5	28.3	85.5	95.3
Limit (dB)	14.5	17.5	12.7	12.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/088

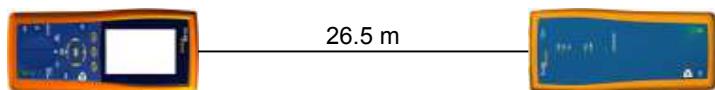
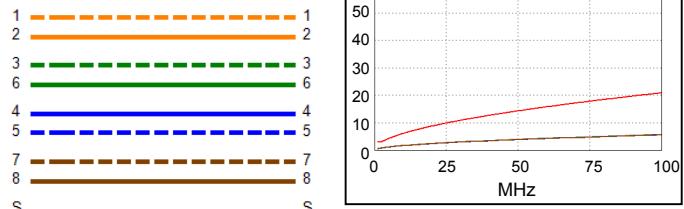
Date / Time: 30/05/2018 11:44:20 AM
Headroom 10.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

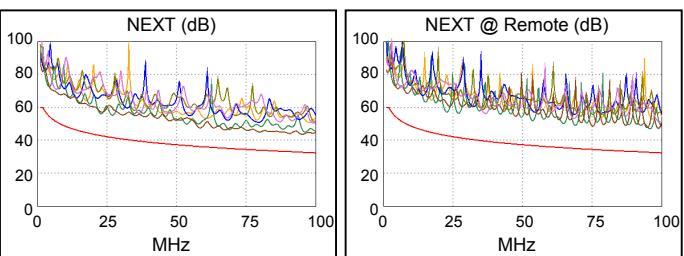
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	26.5
Prop. Delay (ns), Limit 498	[Pair 12]	133
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 36]	5.1
Insertion Loss Margin (dB)	[Pair 12]	15.3
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

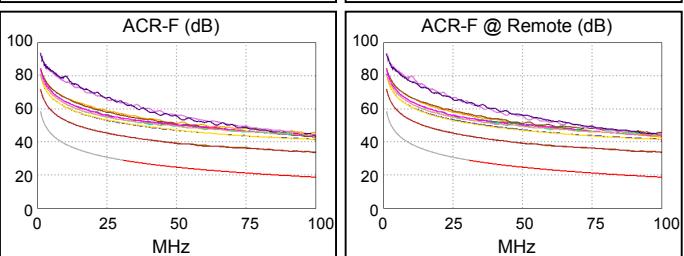

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

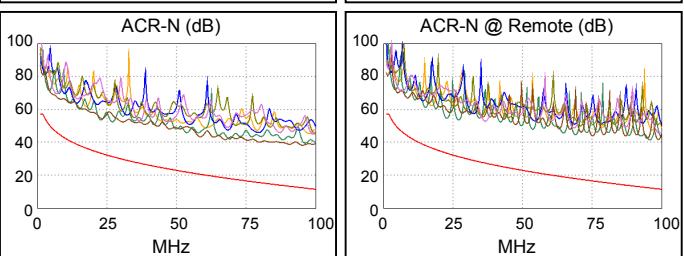
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-45	36-45	12-45
NEXT (dB)	10.9	14.1	10.9	14.4
Freq. (MHz)	95.0	68.8	95.0	95.5
Limit (dB)	32.7	35.0	32.7	32.6
Worst Pair	45	45	45	45
PS NEXT (dB)	11.4	15.0	11.8	15.0
Freq. (MHz)	68.5	95.0	95.5	95.0
Limit (dB)	32.0	29.7	29.6	29.7



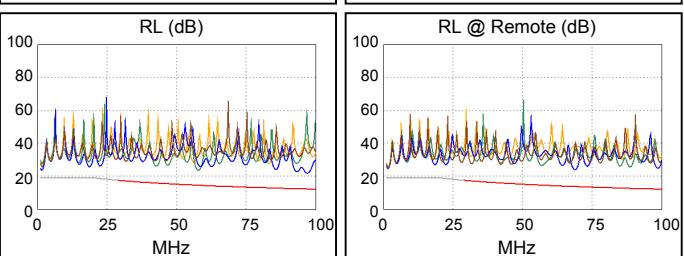
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	13.8	13.8	14.9	15.0
Freq. (MHz)	2.1	2.1	98.8	99.8
Limit (dB)	52.1	52.1	18.7	18.6
Worst Pair	45	45	36	36
PS ACR-F (dB)	15.6	15.5	17.3	17.3
Freq. (MHz)	1.0	1.0	99.0	99.8
Limit (dB)	55.6	55.6	15.7	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-45	12-45
ACR-N (dB)	20.2	21.1	25.8	29.3
Freq. (MHz)	22.8	3.9	95.0	95.5
Limit (dB)	33.3	51.1	12.3	12.2
Worst Pair	45	45	45	45
PS ACR-N (dB)	20.7	20.9	26.7	30.6
Freq. (MHz)	22.8	4.4	95.5	99.3
Limit (dB)	30.3	47.1	9.2	8.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	45	45
RL (dB)	9.1	10.3	9.5	10.3
Freq. (MHz)	57.8	68.5	96.8	68.8
Limit (dB)	14.4	13.7	12.2	13.6



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/089

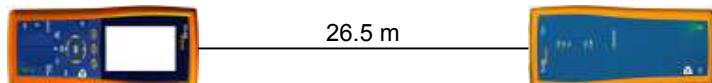
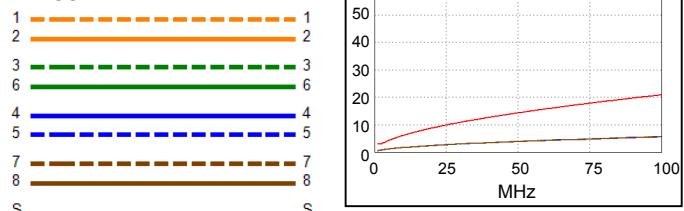
Date / Time: 30/05/2018 11:44:40 AM
Headroom 8.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

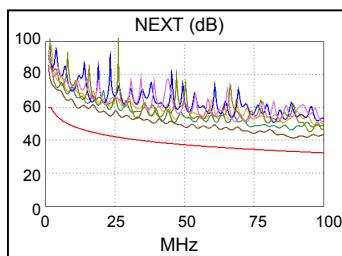
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	26.5
Prop. Delay (ns), Limit 498	[Pair 12]	133
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.2
Insertion Loss Margin (dB)	[Pair 12]	15.3
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

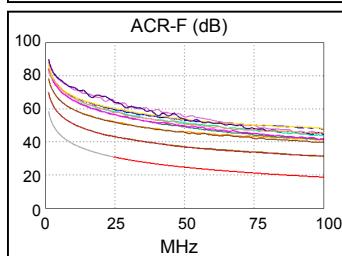

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

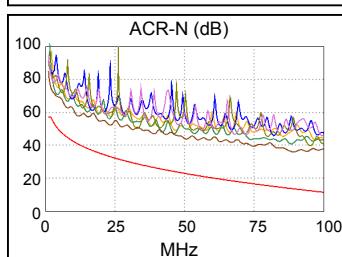
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-45	36-45
NEXT (dB)	8.2	12.9	8.2	13.0
Freq. (MHz)	88.5	32.5	89.0	94.8
Limit (dB)	33.2	40.3	33.1	32.7
Worst Pair	45	36	45	36
PS NEXT (dB)	9.8	13.5	9.8	13.5
Freq. (MHz)	88.3	94.8	88.3	94.8
Limit (dB)	30.2	29.7	30.2	29.7



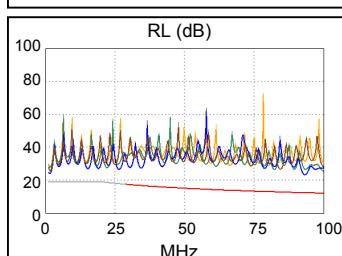
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	11.6	11.7	12.5	12.4
Freq. (MHz)	1.6	1.6	98.8	98.8
Limit (dB)	54.4	54.4	18.7	18.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	13.7	13.8	15.0	14.9
Freq. (MHz)	1.0	1.0	98.8	99.8
Limit (dB)	55.6	55.6	15.7	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	16.9	19.3	22.4	27.9
Freq. (MHz)	11.5	7.6	89.0	94.8
Limit (dB)	40.9	45.0	13.5	12.3
Worst Pair	45	45	45	36
PS ACR-N (dB)	18.8	19.8	24.0	28.4
Freq. (MHz)	11.5	3.8	88.5	94.8
Limit (dB)	37.9	48.4	10.6	9.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	10.5	11.5	10.9	11.5
Freq. (MHz)	30.1	95.5	93.0	95.5
Limit (dB)	17.2	12.2	12.3	12.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002


Cable ID: GEN/090

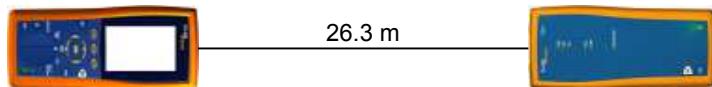
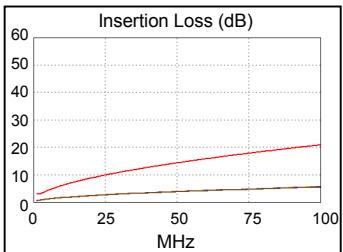
Date / Time: 30/05/2018 11:47:39 AM
Headroom 9.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

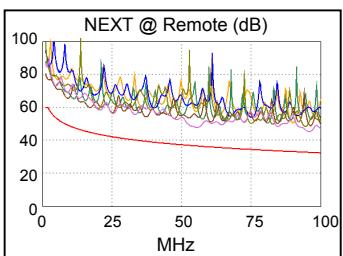
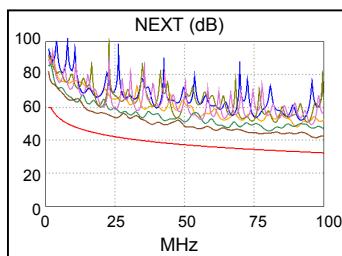
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	26.3
Prop. Delay (ns), Limit 498	[Pair 12]	131
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 12]	4.9
Insertion Loss Margin (dB)	[Pair 12]	15.3
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

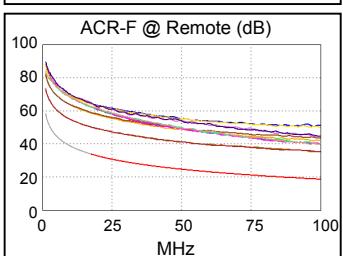
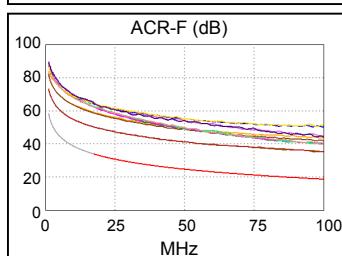

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

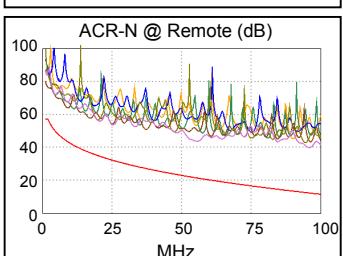
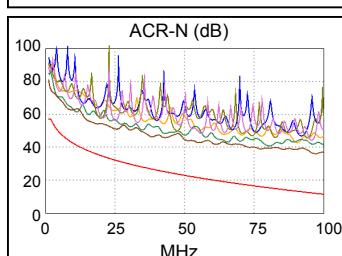
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-78	36-45	45-78
NEXT (dB)	9.1	11.3	9.1	12.6
Freq. (MHz)	96.3	55.0	96.8	96.0
Limit (dB)	32.6	36.6	32.5	32.6
Worst Pair	45	45	45	45
PS NEXT (dB)	10.7	13.1	10.7	13.6
Freq. (MHz)	96.0	56.0	96.0	96.3
Limit (dB)	29.6	33.4	29.6	29.6



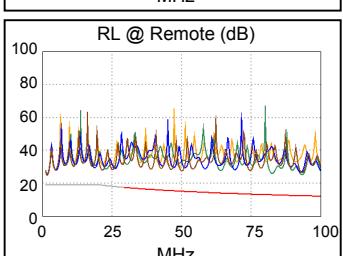
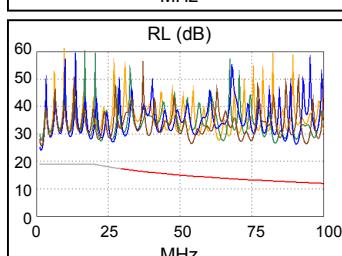
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	15.6	15.7	16.2	16.5
Freq. (MHz)	3.0	2.6	96.5	99.8
Limit (dB)	49.1	50.2	18.9	18.6
Worst Pair	36	45	45	45
PS ACR-F (dB)	17.3	17.1	17.3	17.2
Freq. (MHz)	1.0	96.0	99.5	100.0
Limit (dB)	55.6	16.0	15.7	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-78
ACR-N (dB)	18.0	19.4	24.2	27.7
Freq. (MHz)	2.0	1.9	96.8	96.0
Limit (dB)	56.5	57.0	11.9	12.1
Worst Pair	45	45	45	45
PS ACR-N (dB)	19.4	20.2	25.7	28.7
Freq. (MHz)	8.4	4.4	96.0	96.3
Limit (dB)	41.1	47.1	9.1	9.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	45	36
RL (dB)	11.9	12.4	13.9	12.8
Freq. (MHz)	53.8	38.8	90.5	93.0
Limit (dB)	14.7	16.1	12.4	12.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/091

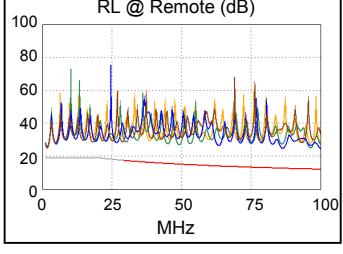
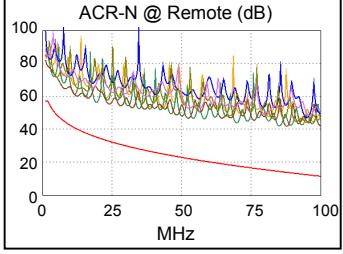
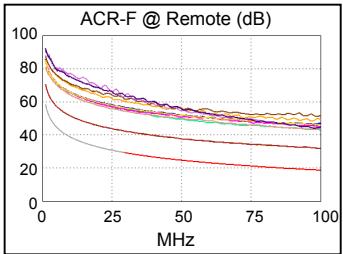
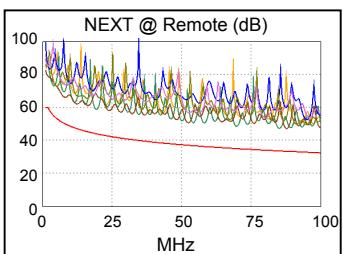
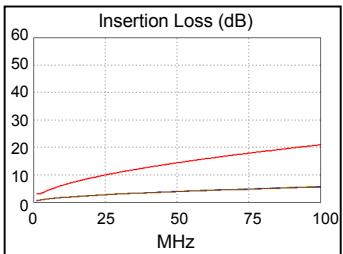
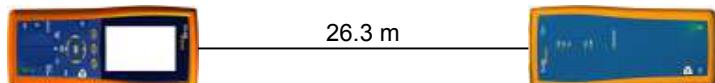
Date / Time: 30/05/2018 11:49:50 AM
Headroom 8.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	26.3
Prop. Delay (ns), Limit 498	[Pair 12]	132
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.3
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-45	36-45	36-45
NEXT (dB)	8.5	13.6	8.5	13.8
Freq. (MHz)	87.5	69.8	87.5	87.5
Limit (dB)	33.3	34.9	33.3	33.3
Worst Pair	45	45	45	45
PS NEXT (dB)	10.2	14.9	11.0	15.2
Freq. (MHz)	88.5	53.3	100.0	88.3
Limit (dB)	30.2	33.8	29.3	30.2

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	45-36	45-36
ACR-F (dB)	12.2	12.2	13.0	13.0
Freq. (MHz)	1.8	1.8	99.5	99.5
Limit (dB)	53.8	53.8	18.7	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	14.6	14.4	15.6	15.6
Freq. (MHz)	1.0	1.0	98.8	99.5
Limit (dB)	55.6	55.6	15.7	15.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	17.2	19.9	24.9	28.1
Freq. (MHz)	11.8	12.0	99.8	87.5
Limit (dB)	40.6	40.4	11.4	13.8
Worst Pair	45	45	45	36
PS ACR-N (dB)	18.1	20.2	26.4	31.6
Freq. (MHz)	11.3	11.4	100.0	100.0
Limit (dB)	38.1	38.0	8.3	8.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	45
RL (dB)	10.9	11.2	11.0	12.4
Freq. (MHz)	30.4	29.9	93.8	100.0
Limit (dB)	17.2	17.3	12.3	12.0

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/092

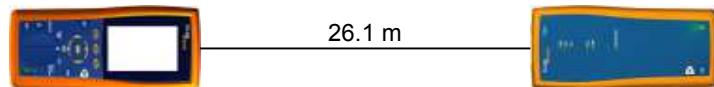
Date / Time: 30/05/2018 11:50:14 AM
Headroom 9.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

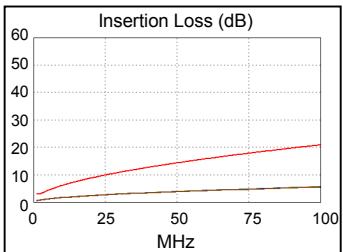
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	26.1
Prop. Delay (ns), Limit 498	[Pair 12]	131
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.1
Insertion Loss Margin (dB)	[Pair 12]	15.3
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

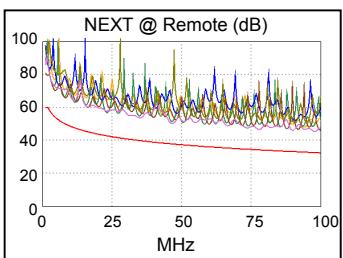
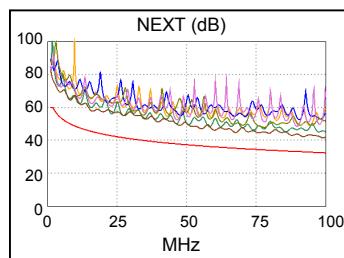

**Wire Map (T568B)
PASS**

1 2 3 6
 4 5 7 8
 S S

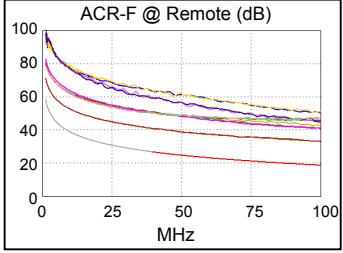
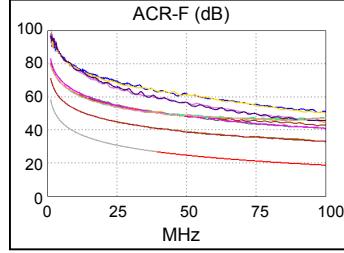


Worst Case Margin Worst Case Value

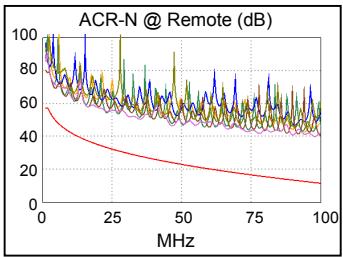
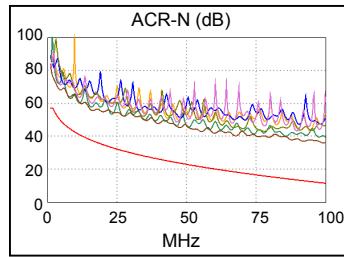
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-78	36-45	45-78
NEXT (dB)	9.1	12.4	9.1	12.8
Freq. (MHz)	98.8	46.3	98.8	97.8
Limit (dB)	32.4	37.8	32.4	32.5
Worst Pair	45	45	45	45
PS NEXT (dB)	10.4	12.3	10.4	14.0
Freq. (MHz)	97.8	46.8	98.0	100.0
Limit (dB)	29.5	34.7	29.4	29.3



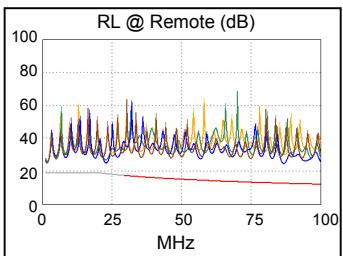
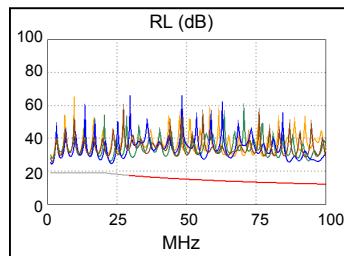
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	13.3	13.3	14.3	14.3
Freq. (MHz)	2.0	2.0	99.8	99.8
Limit (dB)	52.6	52.6	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	15.0	15.0	16.5	16.5
Freq. (MHz)	1.0	1.0	99.5	99.3
Limit (dB)	55.6	55.6	15.7	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-78
ACR-N (dB)	17.9	19.1	24.4	28.1
Freq. (MHz)	3.9	4.0	98.8	97.8
Limit (dB)	51.1	50.9	11.6	11.7
Worst Pair	45	45	45	45
PS ACR-N (dB)	18.1	18.6	25.6	29.4
Freq. (MHz)	3.9	4.0	98.0	100.0
Limit (dB)	48.1	47.9	8.7	8.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	45	45
RL (dB)	11.2	11.8	13.0	12.0
Freq. (MHz)	30.4	35.5	86.8	86.5
Limit (dB)	17.2	16.5	12.6	12.6



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/093

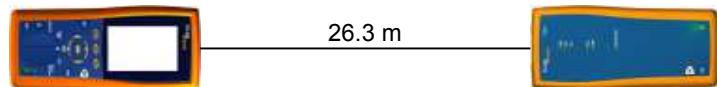
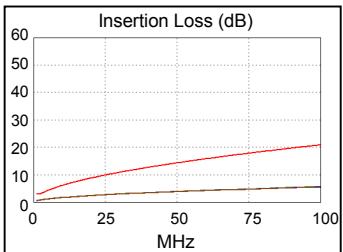
Date / Time: 30/05/2018 11:50:31 AM
Headroom 8.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

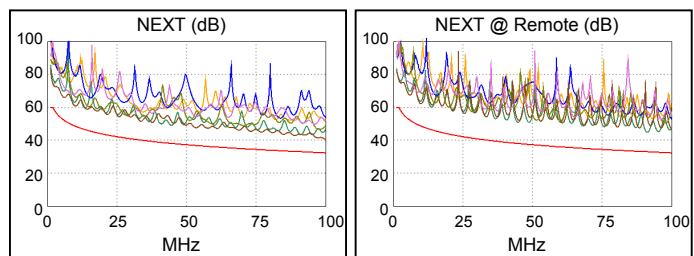
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	26.3
Prop. Delay (ns), Limit 498	[Pair 12]	132
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 36]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.3
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

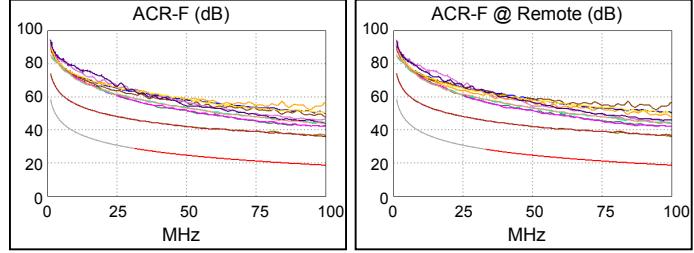

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

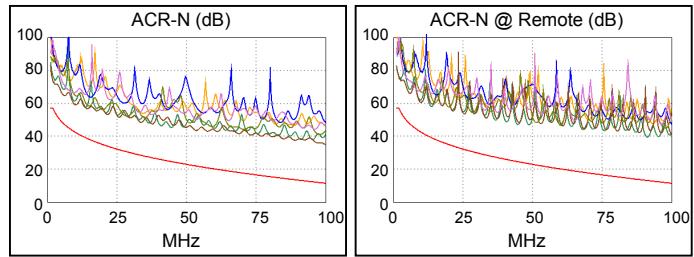
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-45	36-45	12-45
NEXT (dB)	8.2	11.9	8.2	11.9
Freq. (MHz)	100.0	91.0	100.0	91.0
Limit (dB)	32.3	33.0	32.3	33.0
Worst Pair	45	45	45	45
PS NEXT (dB)	9.9	13.4	9.9	13.9
Freq. (MHz)	99.3	44.8	99.8	95.5
Limit (dB)	29.4	35.0	29.3	29.6



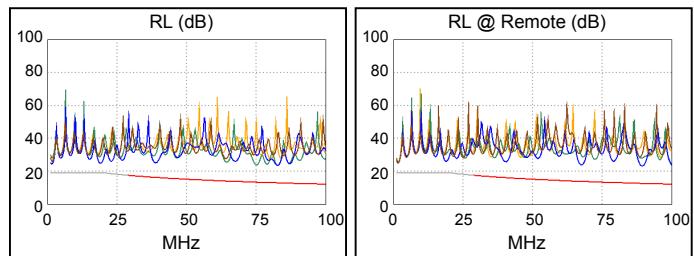
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	16.5	16.4	17.3	17.4
Freq. (MHz)	3.5	3.5	99.8	99.8
Limit (dB)	47.7	47.7	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	18.2	18.2	19.4	18.9
Freq. (MHz)	1.0	1.0	100.0	99.8
Limit (dB)	55.6	55.6	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	12-45
ACR-N (dB)	16.5	17.9	23.6	26.4
Freq. (MHz)	2.0	9.6	100.0	91.0
Limit (dB)	56.5	42.7	11.3	13.1
Worst Pair	45	45	45	45
PS ACR-N (dB)	17.1	18.1	25.2	28.8
Freq. (MHz)	9.5	9.4	99.8	95.5
Limit (dB)	39.8	39.9	8.4	9.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	36	45
RL (dB)	8.9	9.7	10.5	10.6
Freq. (MHz)	38.8	40.3	82.8	89.3
Limit (dB)	16.1	16.0	12.8	12.5



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/094

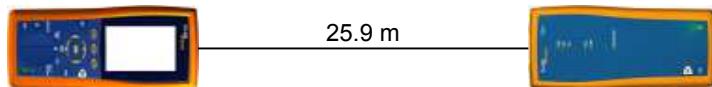
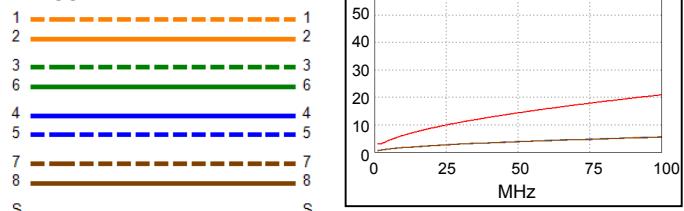
Date / Time: 30/05/2018 11:51:00 AM
Headroom 10.2 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

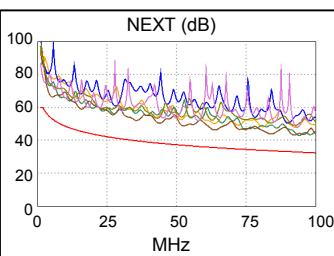
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	25.9
Prop. Delay (ns), Limit 498	[Pair 12]	130
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0


**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-78	12-45	45-78
NEXT (dB)	10.2	13.3	10.2	13.6
Freq. (MHz)	93.8	50.5	94.0	93.0
Limit (dB)	32.8	37.2	32.7	32.8
Worst Pair	45	45	45	45
PS NEXT (dB)	10.0	13.7	10.0	13.7
Freq. (MHz)	93.3	93.5	93.3	93.5
Limit (dB)	29.8	29.8	29.8	29.8



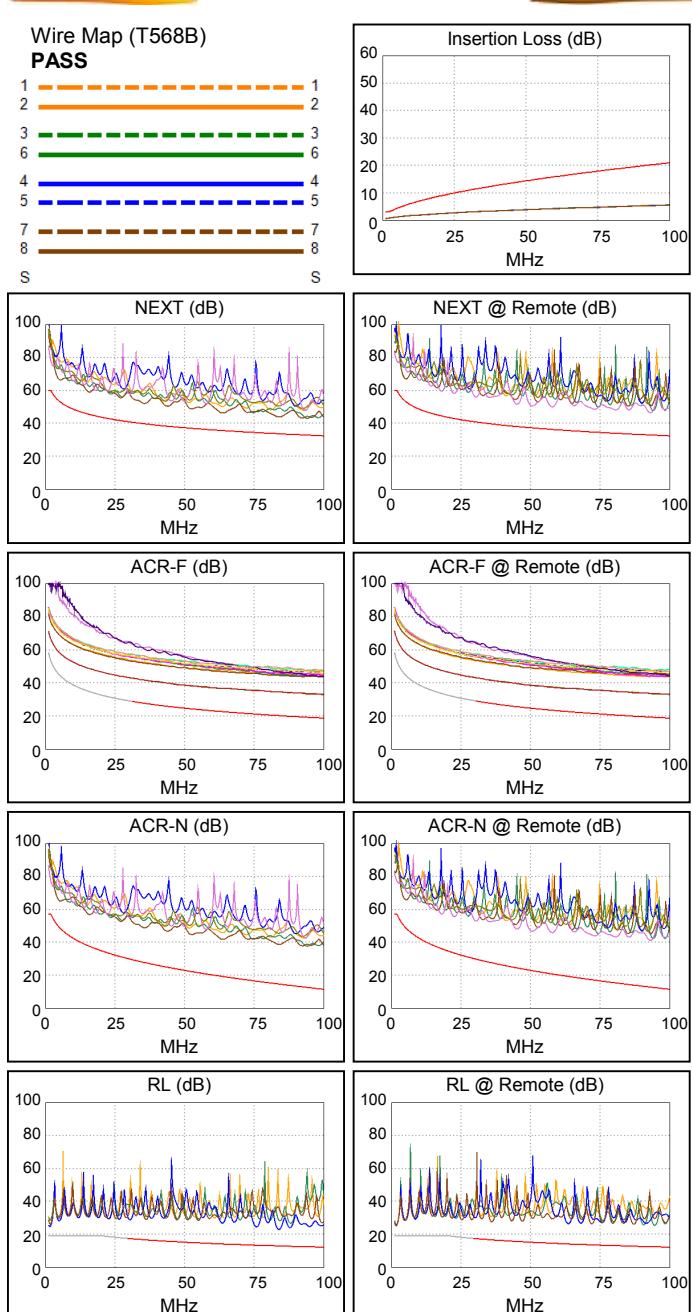
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	13.2	13.2	14.2	14.3
Freq. (MHz)	2.0	2.0	99.8	99.8
Limit (dB)	52.6	52.6	18.6	18.6
Worst Pair	45	36	36	36
PS ACR-F (dB)	15.3	15.4	16.7	16.7
Freq. (MHz)	1.0	1.0	99.8	99.5
Limit (dB)	55.6	55.6	15.6	15.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	45-78
ACR-N (dB)	16.3	16.8	25.0	28.4
Freq. (MHz)	4.5	4.9	94.0	93.0
Limit (dB)	49.8	49.1	12.5	12.7
Worst Pair	45	45	45	45
PS ACR-N (dB)	18.1	18.4	24.8	28.5
Freq. (MHz)	4.5	4.4	93.5	93.5
Limit (dB)	46.8	47.1	9.6	9.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	78	45	36
RL (dB)	10.0	11.0	10.0	13.0
Freq. (MHz)	83.8	36.0	83.8	94.5
Limit (dB)	12.8	16.4	12.8	12.3

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	




Cable ID: GEN/095

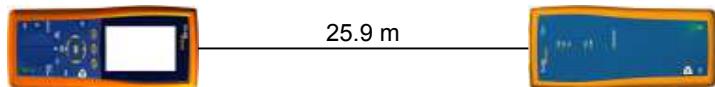
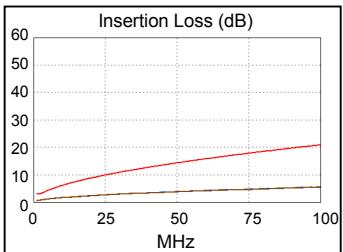
Date / Time: 30/05/2018 11:51:30 AM
Headroom 9.6 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

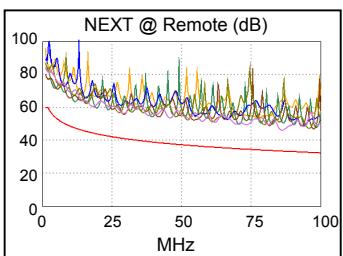
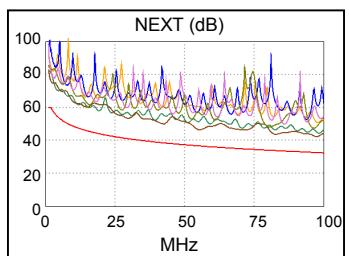
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	25.9
Prop. Delay (ns), Limit 498	[Pair 12]	129
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 78]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

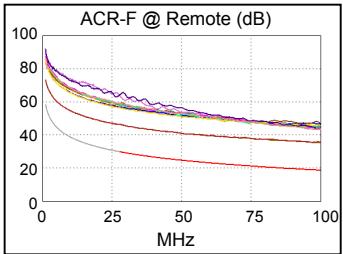
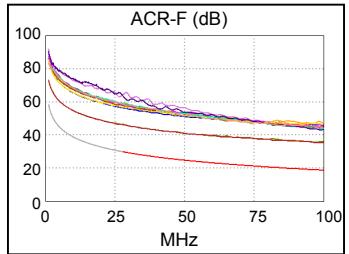

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

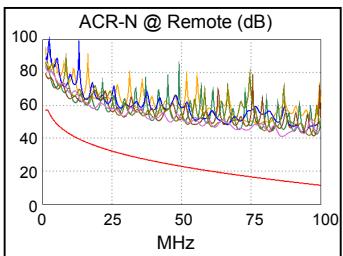
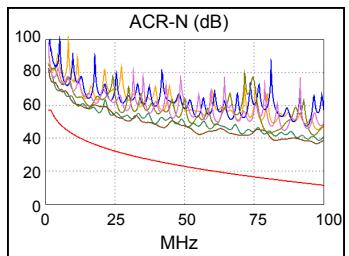
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-78	36-45	45-78
NEXT (dB)	9.6	12.7	9.6	12.7
Freq. (MHz)	97.3	86.0	97.3	86.0
Limit (dB)	32.5	33.4	32.5	33.4
Worst Pair	45	45	45	45
PS NEXT (dB)	10.6	13.9	10.6	14.4
Freq. (MHz)	98.0	85.8	98.0	98.0
Limit (dB)	29.4	30.4	29.4	29.4



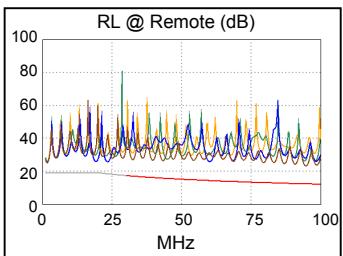
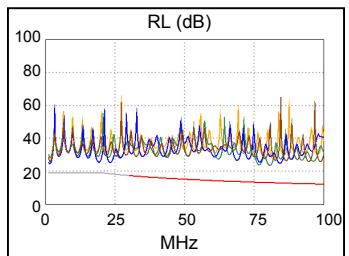
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	15.3	15.4	16.3	16.3
Freq. (MHz)	2.5	2.5	97.5	97.5
Limit (dB)	50.7	50.7	18.8	18.8
Worst Pair	45	45	36	45
PS ACR-F (dB)	17.2	17.2	18.5	18.4
Freq. (MHz)	1.0	1.0	98.5	97.5
Limit (dB)	55.6	55.6	15.7	15.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-78
ACR-N (dB)	18.3	19.7	24.8	26.9
Freq. (MHz)	2.0	1.8	97.3	86.0
Limit (dB)	56.5	57.0	11.8	14.1
Worst Pair	45	45	45	45
PS ACR-N (dB)	19.1	20.5	25.8	29.6
Freq. (MHz)	11.0	1.9	98.0	98.0
Limit (dB)	38.3	54.0	8.7	8.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	78
RL (dB)	10.4	10.1	10.4	10.8
Freq. (MHz)	80.5	32.3	80.5	94.8
Limit (dB)	13.0	16.9	13.0	12.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/096

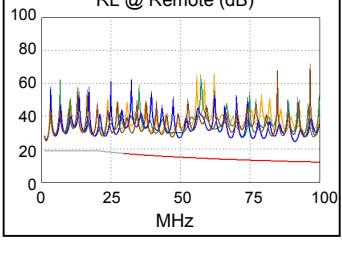
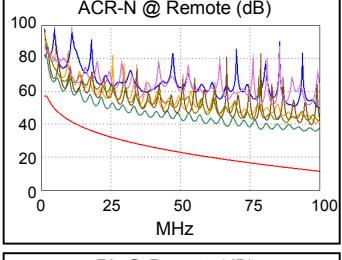
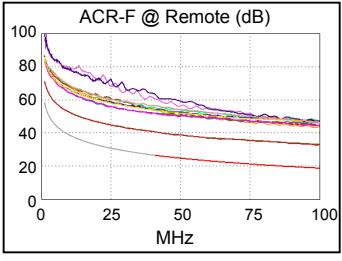
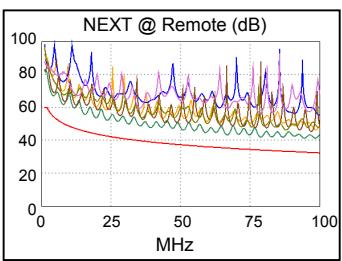
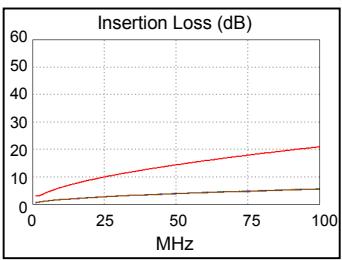
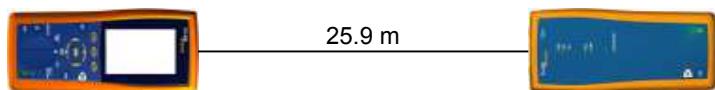
Date / Time: 30/05/2018 11:51:57 AM
Headroom 7.9 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	25.9
Prop. Delay (ns), Limit 498	[Pair 12]	130
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 36]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	12-45	36-45	12-45
NEXT (dB)	9.0	7.9	9.0	8.6
Freq. (MHz)	96.8	66.8	100.0	94.3
Limit (dB)	32.5	35.2	32.3	32.7
Worst Pair	45	12	45	12
PS NEXT (dB)	10.1	10.6	10.8	10.6
Freq. (MHz)	67.0	66.8	97.8	98.3
Limit (dB)	32.2	32.2	29.5	29.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	13.3	13.2	13.9	13.9
Freq. (MHz)	2.0	2.3	97.8	98.5
Limit (dB)	52.6	51.6	18.8	18.7
Worst Pair	45	45	45	36
PS ACR-F (dB)	15.4	15.4	16.5	16.4
Freq. (MHz)	1.0	1.0	97.8	97.8
Limit (dB)	55.6	55.6	15.8	15.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-45	12-45
ACR-N (dB)	15.9	15.2	24.4	24.1
Freq. (MHz)	3.8	3.9	100.0	98.3
Limit (dB)	51.4	51.1	11.3	11.7
Worst Pair	45	45	36	12
PS ACR-N (dB)	16.1	16.1	26.4	25.8
Freq. (MHz)	3.8	4.0	99.8	98.5
Limit (dB)	48.4	47.9	8.4	8.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	9.6	11.7	11.0	12.2
Freq. (MHz)	31.3	49.5	76.5	91.0
Limit (dB)	17.1	15.1	13.2	12.4

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/097

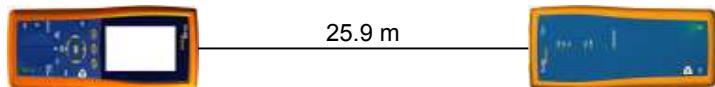
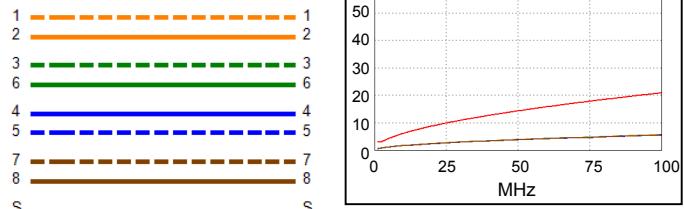
Date / Time: 30/05/2018 11:56:28 AM
Headroom 11.2 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

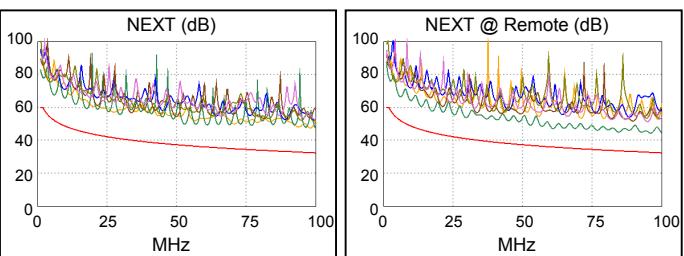
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	25.9
Prop. Delay (ns), Limit 498	[Pair 12]	130
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.1
Insertion Loss Margin (dB)	[Pair 12]	15.3
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

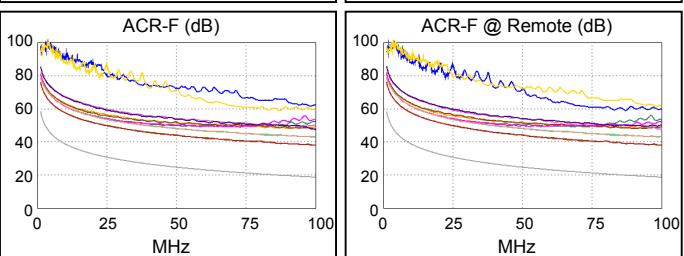

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

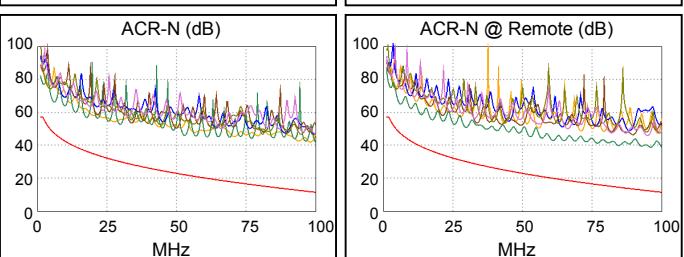
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	13.0	11.2	14.9	11.7
Freq. (MHz)	52.8	60.8	100.0	96.0
Limit (dB)	36.9	35.9	32.3	32.6
Worst Pair	12	45	12	45
PS NEXT (dB)	14.3	13.7	15.7	14.0
Freq. (MHz)	56.5	60.8	100.0	95.5
Limit (dB)	33.4	32.9	29.3	29.6



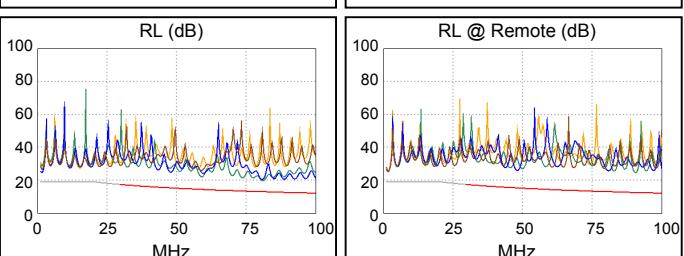
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	18.4	18.5	19.2	19.2
Freq. (MHz)	3.6	3.6	100.0	100.0
Limit (dB)	47.4	47.4	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	17.9	17.9	20.9	21.0
Freq. (MHz)	1.0	1.0	99.5	98.3
Limit (dB)	55.6	55.6	15.7	15.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
ACR-N (dB)	18.8	17.7	30.3	26.7
Freq. (MHz)	5.6	5.8	100.0	96.0
Limit (dB)	47.8	47.6	11.3	12.1
Worst Pair	45	45	12	45
PS ACR-N (dB)	20.9	20.0	31.0	29.0
Freq. (MHz)	5.6	5.8	100.0	95.5
Limit (dB)	44.8	44.6	8.3	9.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	36
RL (dB)	6.6	10.6	6.6	12.0
Freq. (MHz)	81.0	48.0	81.0	90.5
Limit (dB)	12.9	15.2	12.9	12.4



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/098

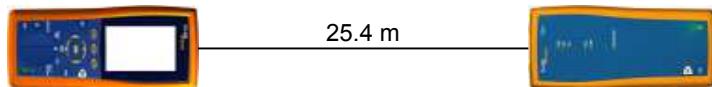
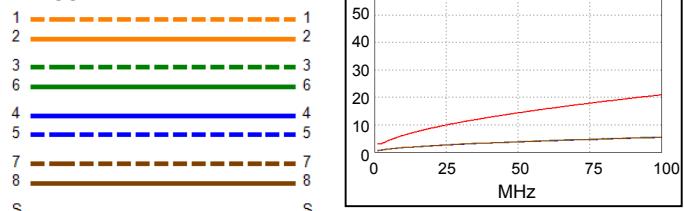
Date / Time: 30/05/2018 11:56:47 AM
Headroom 11.2 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

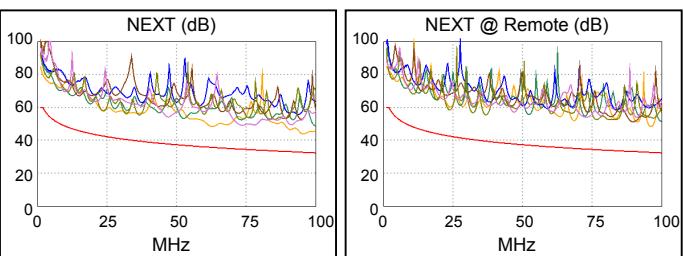
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	25.4
Prop. Delay (ns), Limit 498	[Pair 12]	128
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 36]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

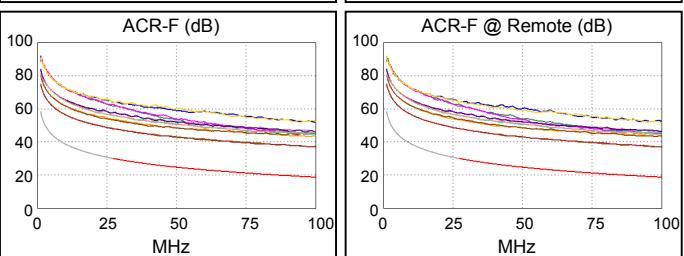

Wire Map (T568B) PASS


Worst Case Margin Worst Case Value

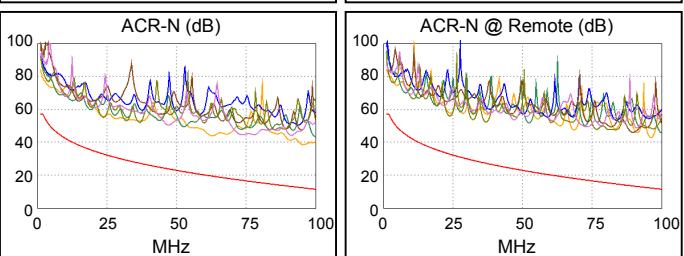
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	11.2	15.7	11.2	15.7
Freq. (MHz)	95.3	96.0	95.3	96.0
Limit (dB)	32.7	32.6	32.7	32.6
Worst Pair	36	36	36	36
PS NEXT (dB)	13.6	16.5	13.6	17.2
Freq. (MHz)	95.3	23.8	95.3	95.8
Limit (dB)	29.7	39.5	29.7	29.6



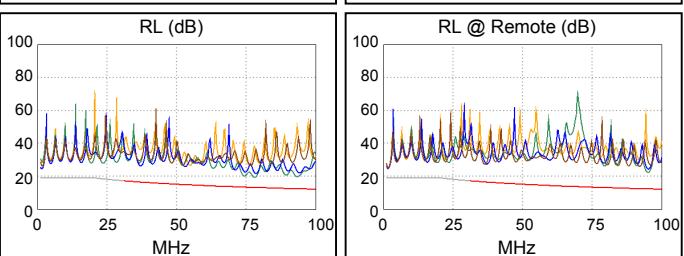
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	17.3	17.3	18.1	18.1
Freq. (MHz)	3.1	3.3	98.0	97.8
Limit (dB)	48.7	48.4	18.8	18.8
Worst Pair	36	36	36	45
PS ACR-F (dB)	17.9	18.1	19.9	19.8
Freq. (MHz)	1.0	1.0	98.8	98.0
Limit (dB)	55.6	55.6	15.7	15.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	12-36	12-36
ACR-N (dB)	21.9	22.9	26.3	30.8
Freq. (MHz)	2.1	2.5	95.3	96.0
Limit (dB)	56.1	54.8	12.2	12.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	22.4	22.9	28.7	32.3
Freq. (MHz)	23.1	2.3	95.3	95.8
Limit (dB)	30.1	52.7	9.2	9.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	6.1	10.0	6.1	10.0
Freq. (MHz)	78.0	95.0	78.0	95.0
Limit (dB)	13.1	12.2	13.1	12.2



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/099

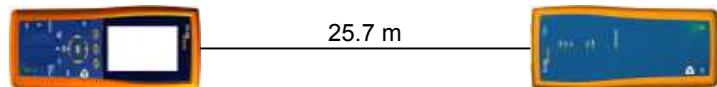
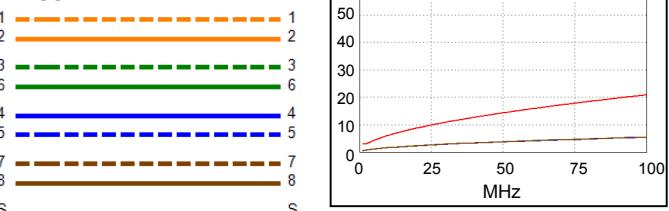
Date / Time: 30/05/2018 11:57:03 AM
Headroom 11.5 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

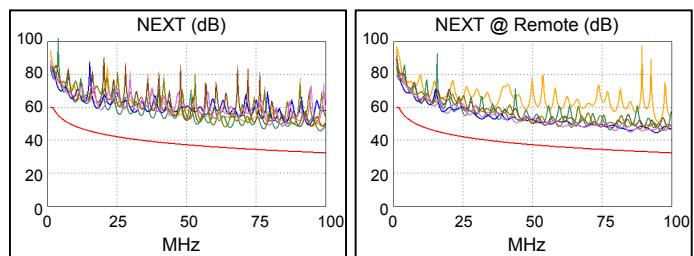
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	25.7
Prop. Delay (ns), Limit 498	[Pair 12]	128
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 12]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

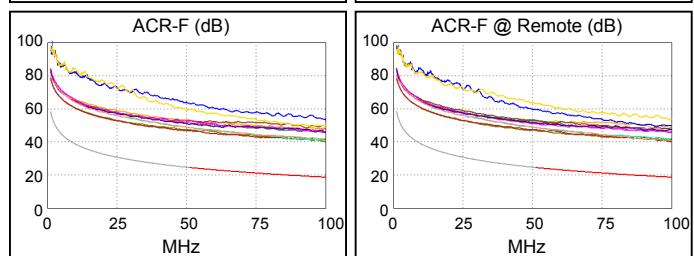

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

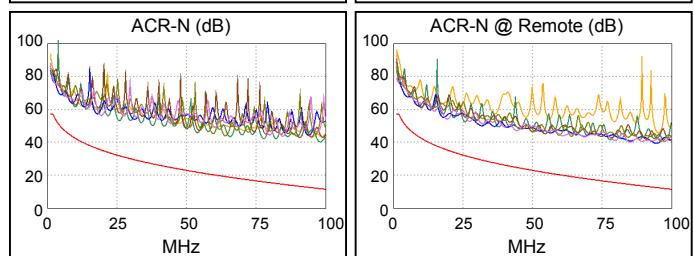
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-78	12-45	12-78
NEXT (dB)	12.4	11.5	13.3	11.9
Freq. (MHz)	65.5	85.0	98.0	94.3
Limit (dB)	35.3	33.5	32.4	32.7
Worst Pair	45	78	12	78
PS NEXT (dB)	13.6	11.0	14.5	11.0
Freq. (MHz)	54.3	84.5	98.0	84.5
Limit (dB)	33.7	30.5	29.4	30.5



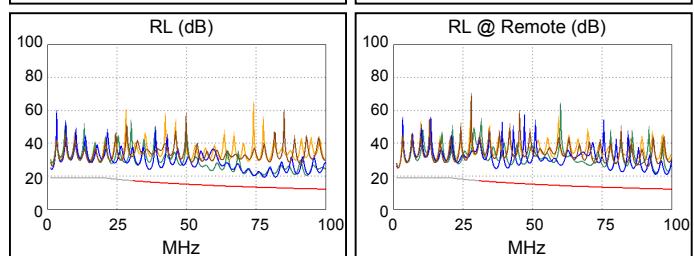
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	21.4	21.4	21.5	21.5
Freq. (MHz)	6.0	6.0	99.3	99.3
Limit (dB)	43.1	43.1	18.7	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	20.3	20.2	21.5	21.6
Freq. (MHz)	1.0	1.0	99.3	99.8
Limit (dB)	55.6	55.6	15.7	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-78	12-45	12-78
ACR-N (dB)	19.1	18.0	28.5	26.9
Freq. (MHz)	9.6	4.0	98.0	94.3
Limit (dB)	42.7	50.9	11.7	12.4
Worst Pair	45	45	12	78
PS ACR-N (dB)	18.7	17.5	29.7	27.0
Freq. (MHz)	9.6	9.6	98.0	96.0
Limit (dB)	39.7	39.7	8.7	9.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	6.2	8.2	6.2	8.9
Freq. (MHz)	77.8	36.8	77.8	98.3
Limit (dB)	13.1	16.4	13.1	12.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/100

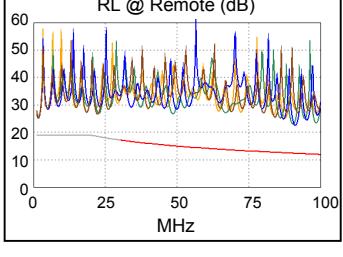
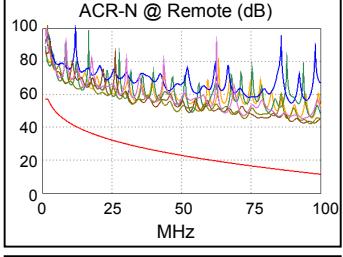
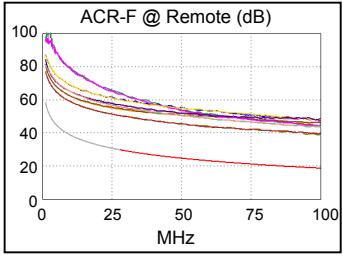
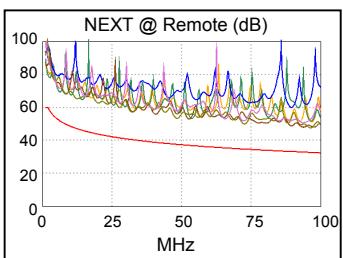
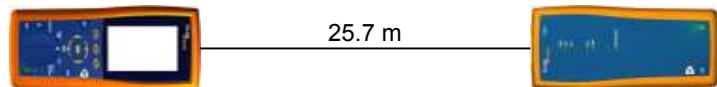
Date / Time: 30/05/2018 11:57:33 AM
Headroom 13.1 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

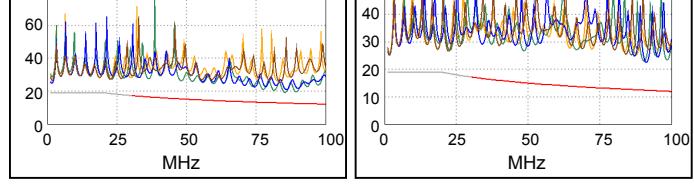
Length (m), Limit 90.0	[Pair 36]	25.7
Prop. Delay (ns), Limit 498	[Pair 12]	129
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



Worst Case Margin		Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	12-36	36-78
NEXT (dB)	13.1	14.9	14.4	14.9
Freq. (MHz)	56.5	96.3	97.8	96.3
Limit (dB)	36.4	32.6	32.5	32.6
Worst Pair	12	36	36	36
PS NEXT (dB)	14.0	14.5	15.7	14.5
Freq. (MHz)	53.5	96.5	97.3	96.5
Limit (dB)	33.8	29.6	29.5	29.6
N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	19.9	19.9	20.1	20.1
Freq. (MHz)	4.9	4.4	98.8	98.8
Limit (dB)	44.9	45.8	18.7	18.7
Worst Pair	36	36	45	45
PS ACR-F (dB)	19.8	19.7	21.4	21.1
Freq. (MHz)	1.0	1.0	100.0	98.5
Limit (dB)	55.6	55.6	15.6	15.7
PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	6.4	10.2	6.4	10.2
Freq. (MHz)	85.3	91.0	85.3	91.0
Limit (dB)	12.7	12.4	12.7	12.4

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	




Cable ID: GEN/101

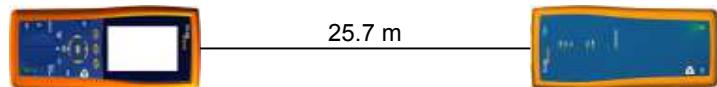
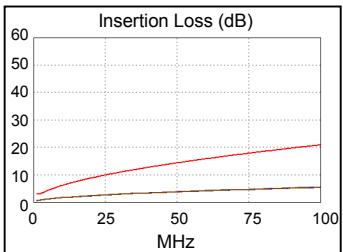
Date / Time: 30/05/2018 11:57:57 AM
Headroom 12.6 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

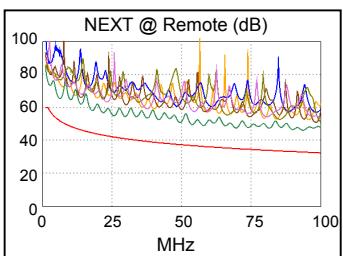
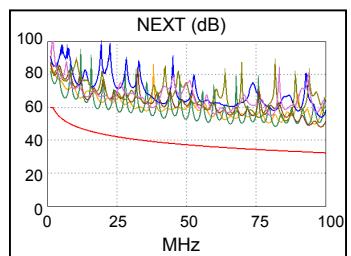
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	25.7
Prop. Delay (ns), Limit 498	[Pair 12]	128
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 12]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

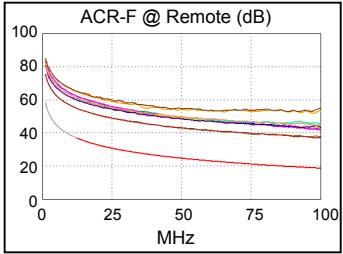
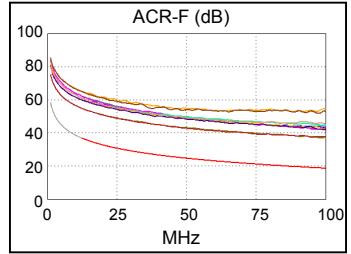

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

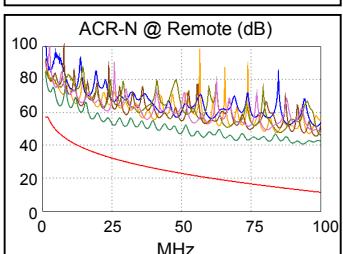
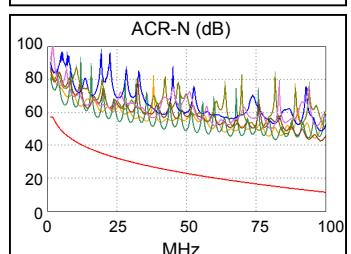
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-45	12-45
NEXT (dB)	13.9	12.6	15.7	13.3
Freq. (MHz)	5.9	69.5	98.0	93.5
Limit (dB)	52.2	34.9	32.4	32.8
Worst Pair	12	45	45	45
PS NEXT (dB)	16.0	14.8	16.7	15.4
Freq. (MHz)	65.8	69.5	98.0	93.8
Limit (dB)	32.3	31.9	29.4	29.8



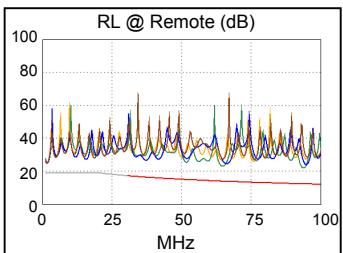
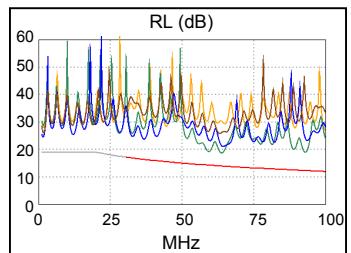
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	17.6	17.6	18.2	18.1
Freq. (MHz)	3.3	3.3	97.8	97.8
Limit (dB)	48.4	48.4	18.8	18.8
Worst Pair	45	45	45	45
PS ACR-F (dB)	18.2	17.9	19.7	20.0
Freq. (MHz)	1.0	1.0	98.5	100.0
Limit (dB)	55.6	55.6	15.7	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-45	12-45
ACR-N (dB)	17.4	16.9	31.0	28.2
Freq. (MHz)	5.8	5.8	98.0	93.5
Limit (dB)	47.6	47.6	11.7	12.6
Worst Pair	12	12	45	45
PS ACR-N (dB)	19.6	19.4	32.0	30.4
Freq. (MHz)	5.8	6.1	98.0	93.8
Limit (dB)	44.6	44.0	8.7	9.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	4.7	9.1	4.7	9.6
Freq. (MHz)	63.8	64.8	63.8	93.8
Limit (dB)	14.0	13.9	14.0	12.3


 Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/102

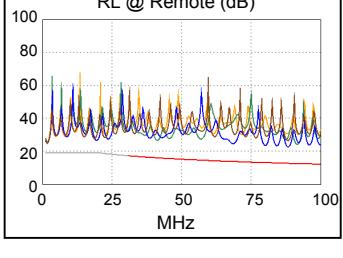
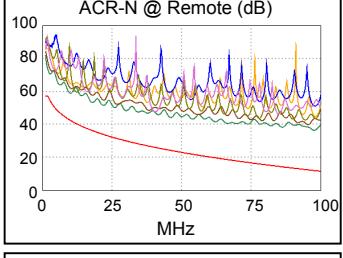
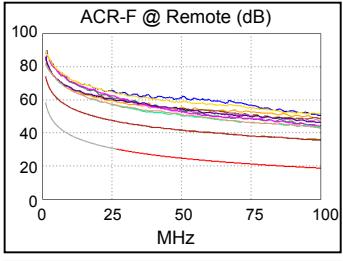
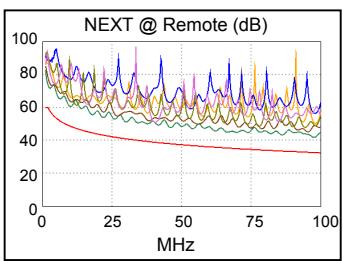
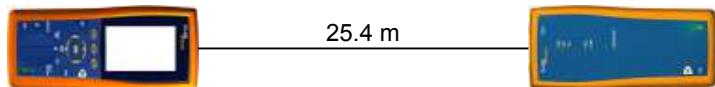
Date / Time: 30/05/2018 11:58:40 AM
Headroom 9.2 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	25.4
Prop. Delay (ns), Limit 498	[Pair 12]	127
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 12]	4.9
Insertion Loss Margin (dB)	[Pair 12]	15.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-45	12-45
NEXT (dB)	12.2	9.2	13.2	9.2
Freq. (MHz)	46.0	97.5	95.5	97.5
Limit (dB)	37.8	32.5	32.6	32.5
Worst Pair	36	45	36	45
PS NEXT (dB)	13.1	10.9	13.3	11.3
Freq. (MHz)	78.5	40.8	95.0	97.5
Limit (dB)	31.0	35.7	29.7	29.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	16.1	16.2	17.0	16.9
Freq. (MHz)	3.0	3.0	99.5	99.5
Limit (dB)	49.1	49.1	18.7	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	17.9	17.9	18.8	18.7
Freq. (MHz)	1.0	1.0	99.5	99.3
Limit (dB)	55.6	55.6	15.7	15.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-45	12-45
ACR-N (dB)	16.4	15.7	28.3	24.5
Freq. (MHz)	2.0	2.3	95.5	97.5
Limit (dB)	56.5	55.7	12.2	11.8
Worst Pair	45	45	36	45
PS ACR-N (dB)	17.5	17.0	28.3	26.6
Freq. (MHz)	2.0	2.3	95.0	97.5
Limit (dB)	53.5	52.7	9.3	8.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	6.2	9.9	6.2	9.9
Freq. (MHz)	78.8	88.3	78.8	88.3
Limit (dB)	13.0	12.6	13.0	12.6

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/103

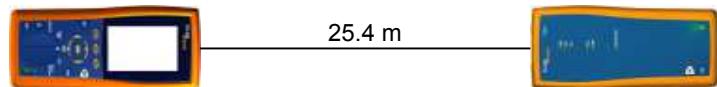
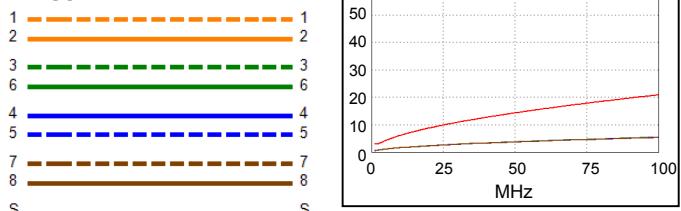
Date / Time: 30/05/2018 11:59:00 AM
Headroom 12.5 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

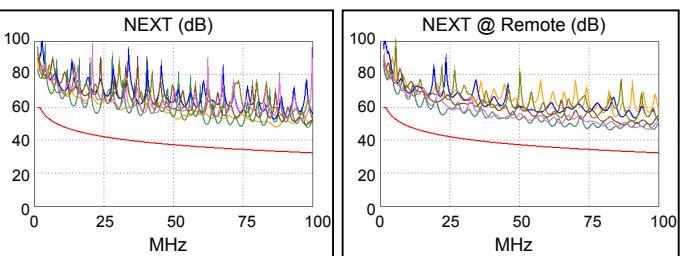
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	25.4
Prop. Delay (ns), Limit 498	[Pair 12]	127
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 78]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

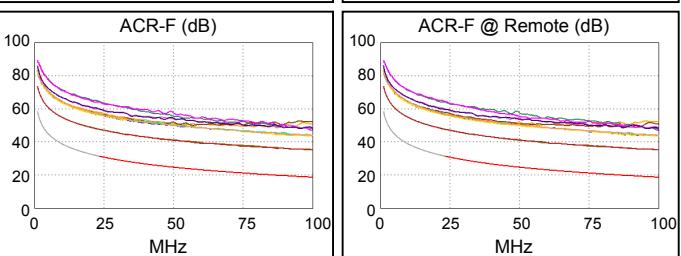

Wire Map (T568B) PASS


Worst Case Margin Worst Case Value

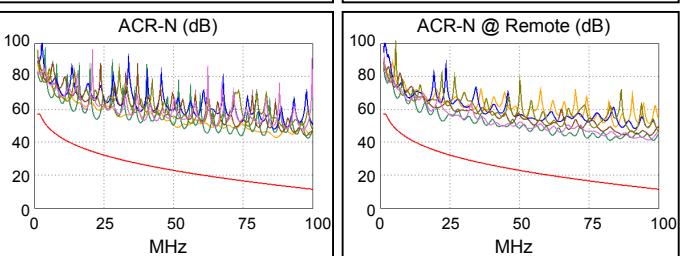
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	13.5	12.5	15.4	12.5
Freq. (MHz)	22.1	22.1	98.3	82.3
Limit (dB)	43.0	43.0	32.4	33.7
Worst Pair	12	45	45	45
PS NEXT (dB)	15.2	13.4	15.8	13.6
Freq. (MHz)	86.3	85.8	97.8	97.3
Limit (dB)	30.4	30.4	29.5	29.5



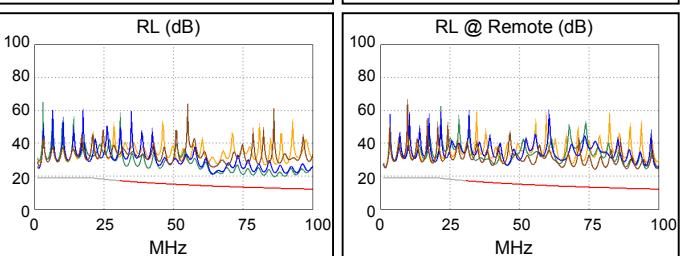
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	15.7	15.7	16.4	16.5
Freq. (MHz)	2.6	2.6	99.0	100.0
Limit (dB)	50.2	50.2	18.7	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	17.2	17.3	18.9	18.7
Freq. (MHz)	1.0	1.0	100.0	99.0
Limit (dB)	55.6	55.6	15.6	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
ACR-N (dB)	19.7	19.2	30.7	29.5
Freq. (MHz)	5.8	13.8	98.3	98.0
Limit (dB)	47.6	39.0	11.7	11.7
Worst Pair	12	45	45	45
PS ACR-N (dB)	21.5	20.9	31.2	28.9
Freq. (MHz)	5.8	5.8	97.8	97.3
Limit (dB)	44.6	44.6	8.7	8.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	78
RL (dB)	6.9	10.5	6.9	11.1
Freq. (MHz)	86.3	40.3	86.3	76.8
Limit (dB)	12.7	16.0	12.7	13.2



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/104

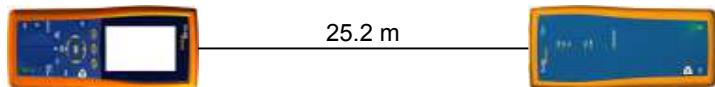
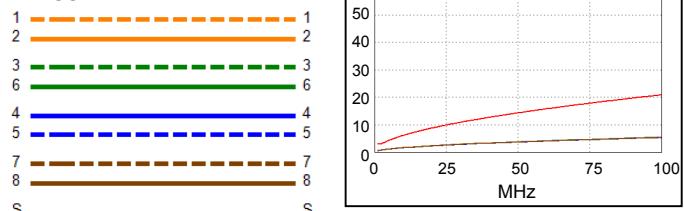
Date / Time: 30/05/2018 11:59:25 AM
Headroom 14.6 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

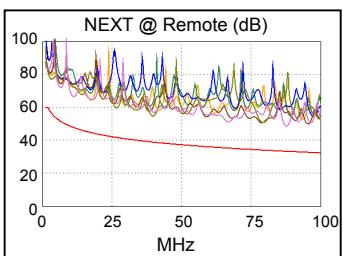
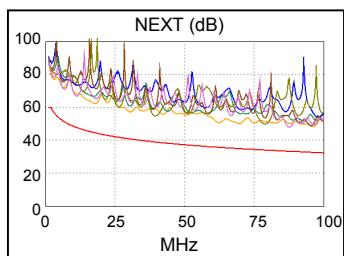
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	25.2
Prop. Delay (ns), Limit 498	[Pair 12]	127
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 36]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

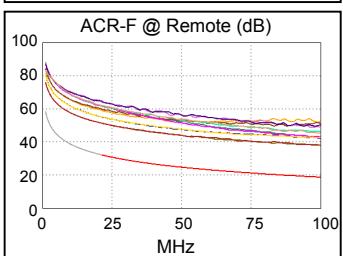
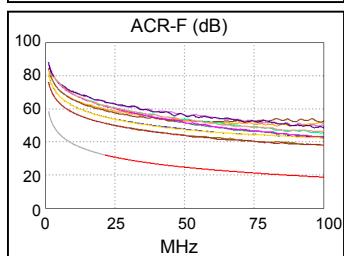

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

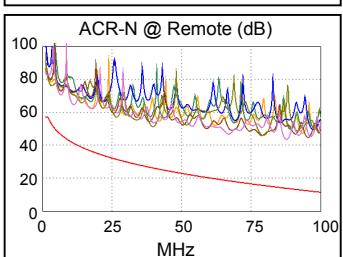
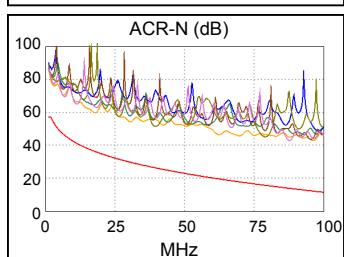
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	14.6	15.4	14.6	15.4
Freq. (MHz)	87.5	87.5	87.5	87.8
Limit (dB)	33.3	33.3	33.3	33.2
Worst Pair	36	36	36	45
PS NEXT (dB)	15.5	16.7	15.9	17.9
Freq. (MHz)	78.8	78.8	95.5	96.0
Limit (dB)	31.0	31.0	29.6	29.6



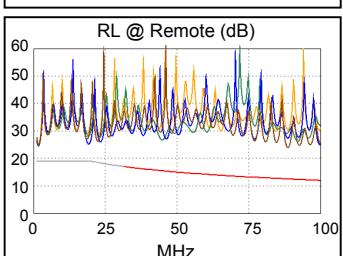
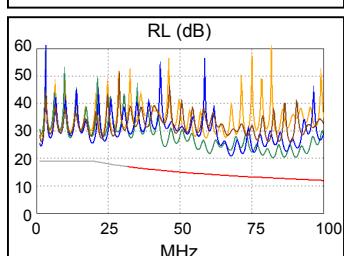
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	45-36
ACR-F (dB)	18.6	18.6	19.3	19.2
Freq. (MHz)	3.9	3.6	100.0	99.3
Limit (dB)	46.8	47.4	18.6	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	19.6	19.6	20.7	20.4
Freq. (MHz)	1.0	1.0	99.8	99.5
Limit (dB)	55.6	55.6	15.6	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	45-78	45-78
ACR-N (dB)	21.7	22.5	29.0	29.8
Freq. (MHz)	2.1	2.5	87.5	87.8
Limit (dB)	56.1	54.8	13.8	13.7
Worst Pair	36	36	36	45
PS ACR-N (dB)	22.5	22.1	30.9	33.1
Freq. (MHz)	2.1	2.4	95.5	96.0
Limit (dB)	53.1	52.3	9.2	9.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	36	78
RL (dB)	7.2	11.2	7.3	11.5
Freq. (MHz)	67.8	44.8	82.3	88.5
Limit (dB)	13.7	15.5	12.9	12.5



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/105

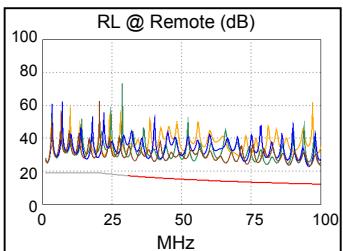
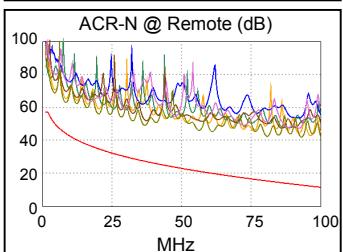
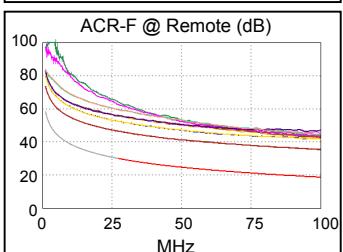
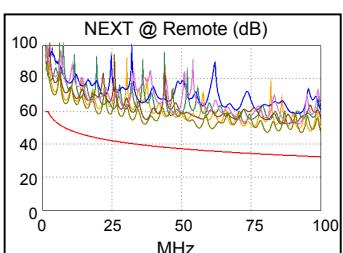
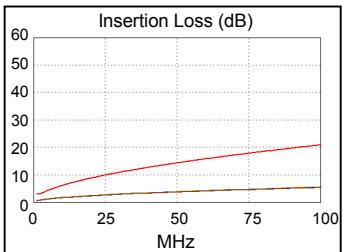
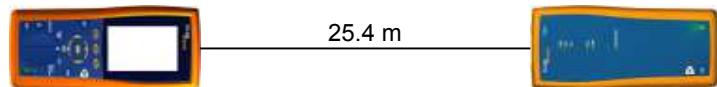
Date / Time: 30/05/2018 11:59:52 AM
Headroom 12.8 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	25.4
Prop. Delay (ns), Limit 498	[Pair 12]	127
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 12]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



ACR-F @ Remote (dB)

ACR-N @ Remote (dB)

RL @ Remote (dB)

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	13.0	12.8	13.2	14.3
Freq. (MHz)	92.8	36.5	100.0	93.0
Limit (dB)	32.8	39.5	32.3	32.8
Worst Pair	36	36	36	36
PS NEXT (dB)	13.3	14.1	13.3	15.8
Freq. (MHz)	100.0	36.5	100.0	100.0
Limit (dB)	29.3	36.5	29.3	29.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	15.9	15.8	16.6	16.5
Freq. (MHz)	3.0	3.0	99.5	99.5
Limit (dB)	49.1	49.1	18.7	18.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	17.3	17.2	18.7	18.6
Freq. (MHz)	1.0	1.1	99.8	99.5
Limit (dB)	55.6	54.6	15.6	15.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
ACR-N (dB)	18.2	18.2	28.8	29.1
Freq. (MHz)	3.9	3.9	100.0	93.0
Limit (dB)	51.1	51.1	11.3	12.7
Worst Pair	36	36	36	36
PS ACR-N (dB)	18.7	18.8	28.8	31.3
Freq. (MHz)	3.9	4.0	100.0	100.0
Limit (dB)	48.1	47.9	8.3	8.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	45
RL (dB)	7.6	9.5	7.6	10.6
Freq. (MHz)	63.8	33.0	63.8	95.8
Limit (dB)	14.0	16.8	14.0	12.2

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/106

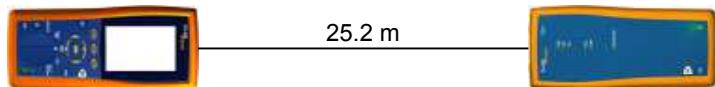
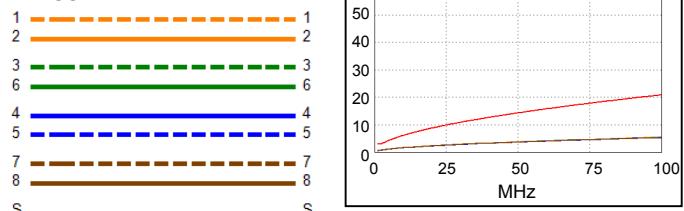
Date / Time: 30/05/2018 12:00:09 PM
Headroom 13.4 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

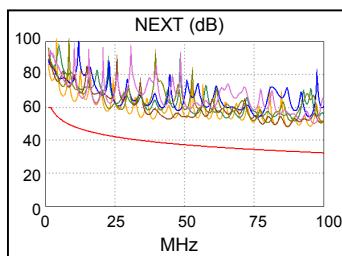
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	25.2
Prop. Delay (ns), Limit 498	[Pair 12]	126
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 12]	4.9
Insertion Loss Margin (dB)	[Pair 12]	15.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

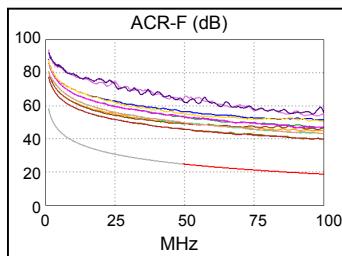

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

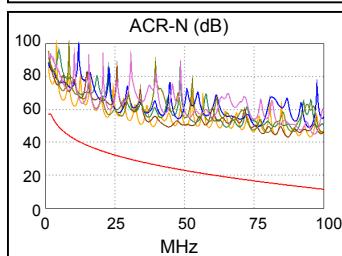
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	13.9	13.4	14.7	13.4
Freq. (MHz)	38.5	82.3	87.0	82.3
Limit (dB)	39.1	33.7	33.3	33.7
Worst Pair	36	36	36	36
PS NEXT (dB)	14.2	14.4	14.2	14.8
Freq. (MHz)	87.3	82.5	87.3	99.0
Limit (dB)	30.3	30.7	30.3	29.4



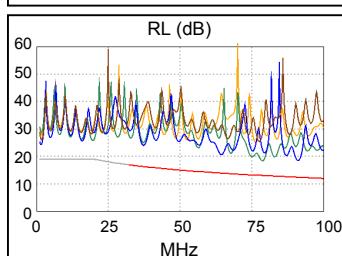
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	20.1	20.1	21.0	20.9
Freq. (MHz)	4.4	4.4	100.0	99.3
Limit (dB)	45.8	45.8	18.6	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	20.0	19.9	21.9	21.9
Freq. (MHz)	1.0	1.0	98.8	100.0
Limit (dB)	55.6	55.6	15.7	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR-N (dB)	18.7	19.0	29.0	27.3
Freq. (MHz)	5.8	5.9	87.0	82.3
Limit (dB)	47.6	47.4	13.9	14.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	20.4	20.6	28.6	30.2
Freq. (MHz)	5.8	5.8	87.3	99.3
Limit (dB)	44.6	44.6	10.8	8.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	5.4	8.0	5.4	8.0
Freq. (MHz)	78.5	91.8	78.8	91.8
Limit (dB)	13.1	12.4	13.0	12.4



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive

**Wire Map (T568B)
PASS**

Insertion Loss (dB)
NEXT @ Remote (dB)

ACR-F @ Remote (dB)
ACR-N @ Remote (dB)

RL @ Remote (dB)


Cable ID: GEN/107

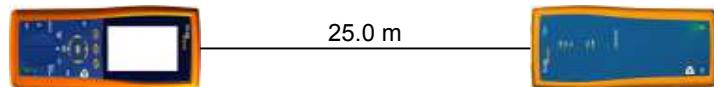
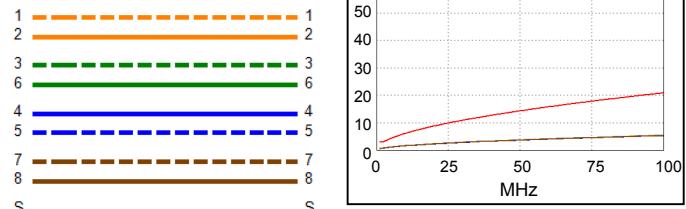
Date / Time: 30/05/2018 12:00:32 PM
Headroom 12.4 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

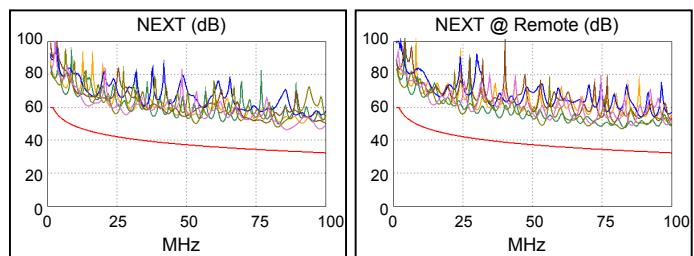
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	25.0
Prop. Delay (ns), Limit 498	[Pair 12]	126
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 78]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

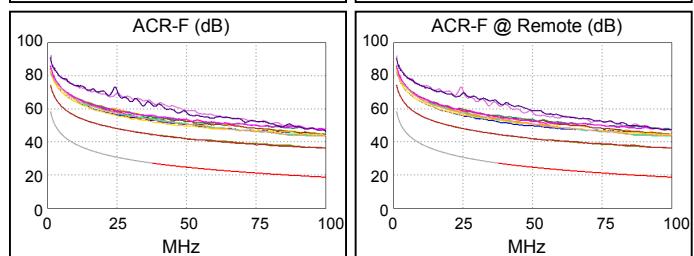

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

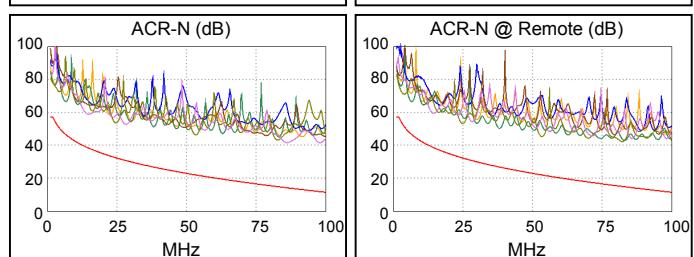
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	36-78	45-78	36-78
NEXT (dB)	13.1	12.4	13.1	13.3
Freq. (MHz)	85.8	53.3	85.8	82.0
Limit (dB)	33.4	36.8	33.4	33.7
Worst Pair	36	78	45	36
PS NEXT (dB)	15.0	14.9	15.7	15.3
Freq. (MHz)	52.8	70.3	98.3	82.0
Limit (dB)	33.9	31.8	29.4	30.7



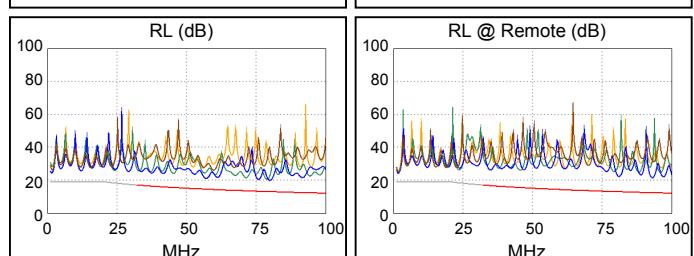
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	16.6	16.6	17.6	17.5
Freq. (MHz)	3.0	3.0	100.0	100.0
Limit (dB)	49.1	49.1	18.6	18.6
Worst Pair	45	45	36	45
PS ACR-F (dB)	17.8	17.8	19.6	19.6
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	55.6	55.6	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	36-78	45-78	36-78
ACR-N (dB)	19.9	18.6	27.4	27.2
Freq. (MHz)	6.1	2.6	85.8	82.0
Limit (dB)	47.0	54.4	14.1	14.9
Worst Pair	12	36	45	36
PS ACR-N (dB)	21.2	20.1	31.1	32.5
Freq. (MHz)	6.1	2.4	98.3	100.0
Limit (dB)	44.0	52.3	8.7	8.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	6.4	9.0	6.8	9.0
Freq. (MHz)	56.8	93.0	79.8	93.0
Limit (dB)	14.5	12.3	13.0	12.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/108

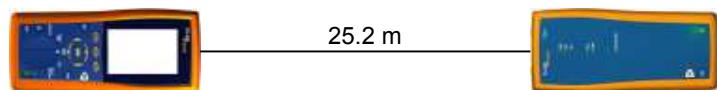
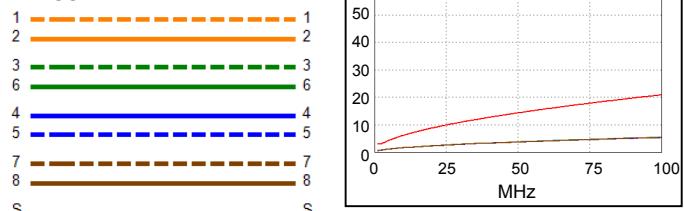
Date / Time: 30/05/2018 12:00:49 PM
Headroom 12.8 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

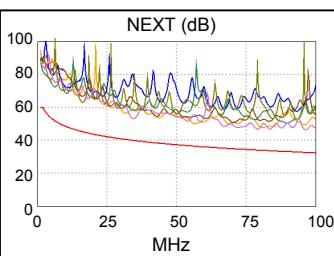
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	25.2
Prop. Delay (ns), Limit 498	[Pair 12]	126
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 12]	4.9
Insertion Loss Margin (dB)	[Pair 12]	15.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

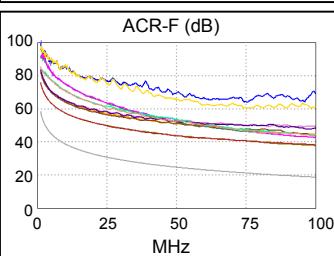

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

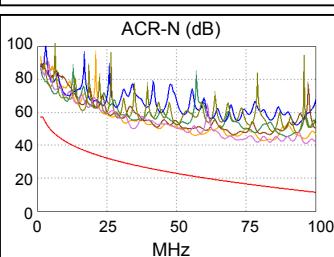
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	36-78
NEXT (dB)	12.8	14.6	13.8	14.8
Freq. (MHz)	78.8	34.3	96.3	93.0
Limit (dB)	34.0	39.9	32.6	32.8
Worst Pair	45	78	45	78
PS NEXT (dB)	14.0	16.4	14.0	16.4
Freq. (MHz)	79.3	92.5	79.3	92.5
Limit (dB)	31.0	29.9	31.0	29.9



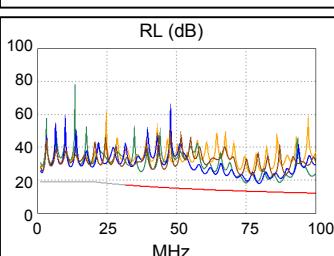
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	18.4	18.3	19.1	19.0
Freq. (MHz)	3.6	3.8	100.0	100.0
Limit (dB)	47.4	47.1	18.6	18.6
Worst Pair	36	36	45	45
PS ACR-F (dB)	19.2	19.0	20.2	20.3
Freq. (MHz)	1.0	1.1	100.0	99.8
Limit (dB)	55.6	54.6	15.6	15.6



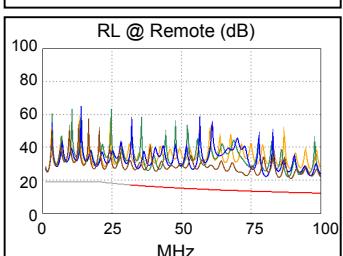
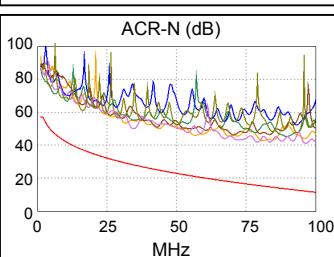
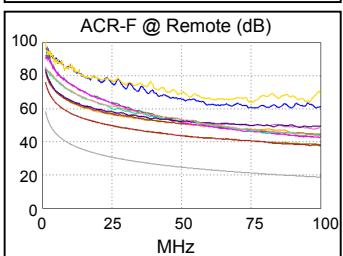
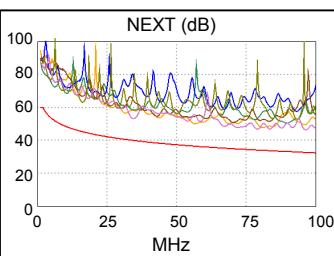
N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	36-78
ACR-N (dB)	22.0	23.3	29.1	29.7
Freq. (MHz)	34.0	34.3	96.3	93.0
Limit (dB)	28.2	28.1	12.0	12.7
Worst Pair	45	45	45	78
PS ACR-N (dB)	23.6	25.1	27.6	31.3
Freq. (MHz)	34.5	5.4	79.3	92.5
Limit (dB)	25.0	45.2	12.5	9.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	45	78
RL (dB)	4.9	8.4	5.0	8.4
Freq. (MHz)	75.0	89.3	79.5	89.3
Limit (dB)	13.3	12.5	13.0	12.5



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive

ACR-N @ Remote (dB)



Cable ID: GEN/109

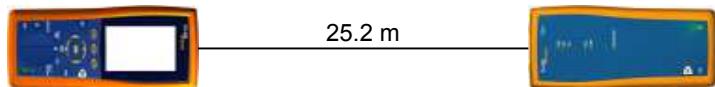
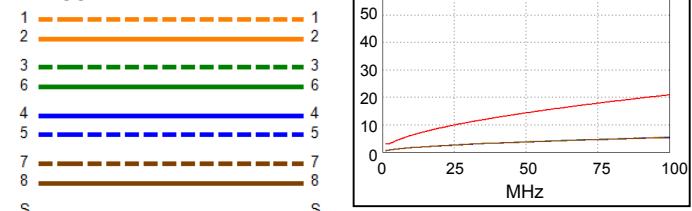
Date / Time: 30/05/2018 12:01:21 PM
Headroom 14.0 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

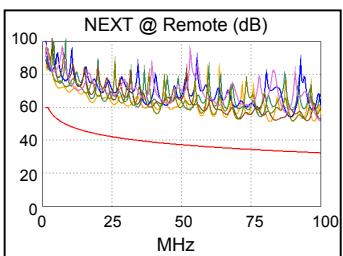
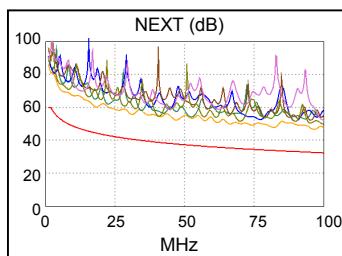
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	25.2
Prop. Delay (ns), Limit 498	[Pair 12]	127
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	4.9
Insertion Loss Margin (dB)	[Pair 12]	15.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

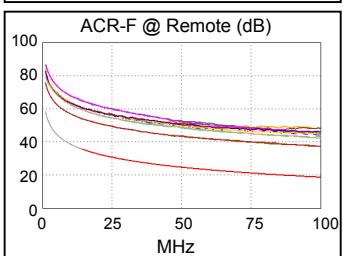
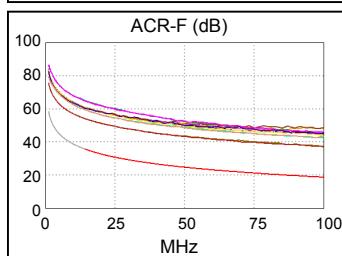

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

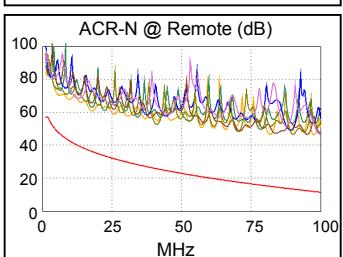
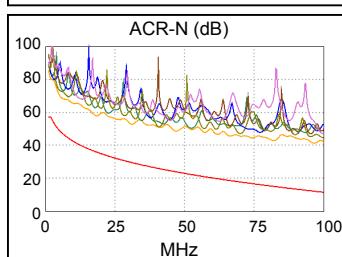
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	12-36	12-36
NEXT (dB)	14.0	17.5	14.0	17.8
Freq. (MHz)	96.5	40.8	96.5	81.8
Limit (dB)	32.6	38.7	32.6	33.7
Worst Pair	36	36	36	36
PS NEXT (dB)	15.0	17.5	15.0	19.0
Freq. (MHz)	95.5	70.0	95.5	94.0
Limit (dB)	29.6	31.8	29.6	29.7



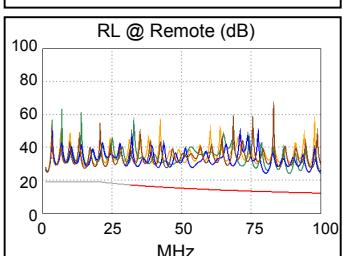
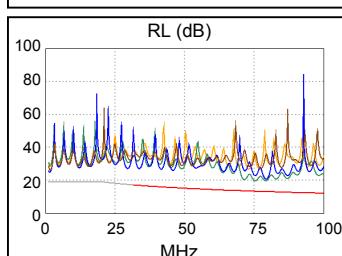
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	18.0	18.0	18.4	18.5
Freq. (MHz)	3.4	3.4	99.5	99.5
Limit (dB)	48.0	48.0	18.7	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	18.5	18.3	20.2	19.8
Freq. (MHz)	1.0	1.0	99.5	99.5
Limit (dB)	55.6	55.6	15.7	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR-N (dB)	21.1	22.8	29.2	34.5
Freq. (MHz)	5.6	5.1	96.5	97.5
Limit (dB)	47.8	48.7	12.0	11.8
Worst Pair	36	36	36	36
PS ACR-N (dB)	22.2	23.4	30.1	33.9
Freq. (MHz)	5.1	5.1	95.5	94.0
Limit (dB)	45.7	45.7	9.2	9.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	36
RL (dB)	6.3	11.1	6.3	11.5
Freq. (MHz)	75.0	80.3	75.3	88.8
Limit (dB)	13.3	13.0	13.2	12.5



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/110

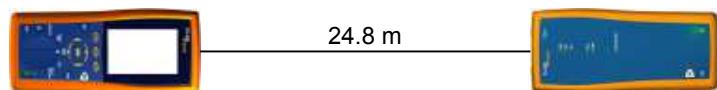
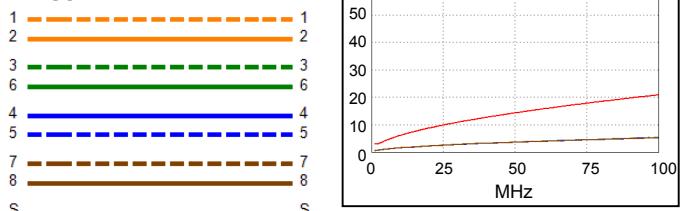
Date / Time: 30/05/2018 12:01:45 PM
Headroom 10.1 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

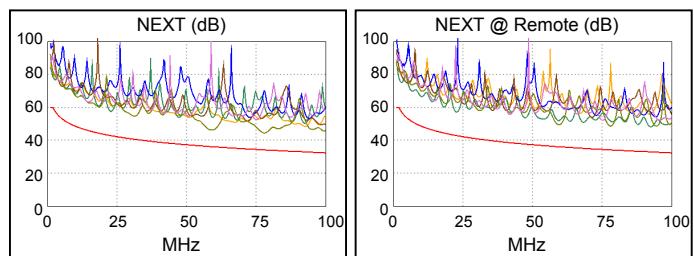
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	24.8
Prop. Delay (ns), Limit 498	[Pair 12]	124
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 36]	4.8
Insertion Loss Margin (dB)	[Pair 12]	15.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

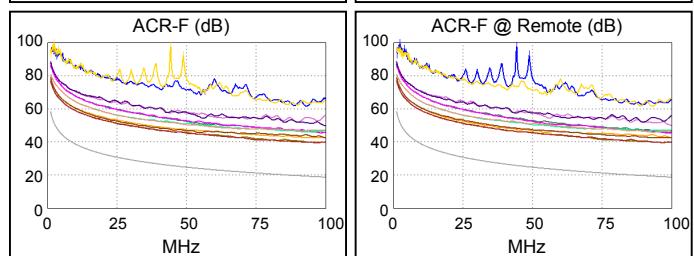

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

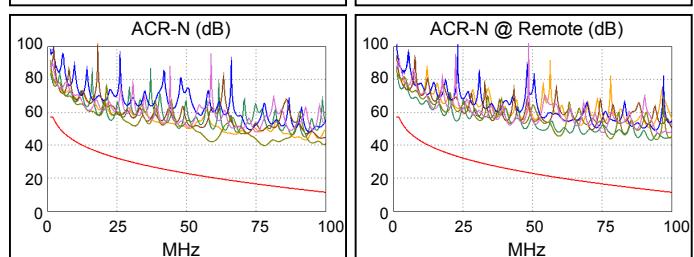
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	12-45
NEXT (dB)	10.1	13.5	10.3	15.3
Freq. (MHz)	58.5	59.3	77.8	92.3
Limit (dB)	36.1	36.0	34.1	32.9
Worst Pair	36	78	36	78
PS NEXT (dB)	12.5	16.1	12.5	16.8
Freq. (MHz)	77.5	59.8	77.5	94.5
Limit (dB)	31.1	33.0	31.1	29.7



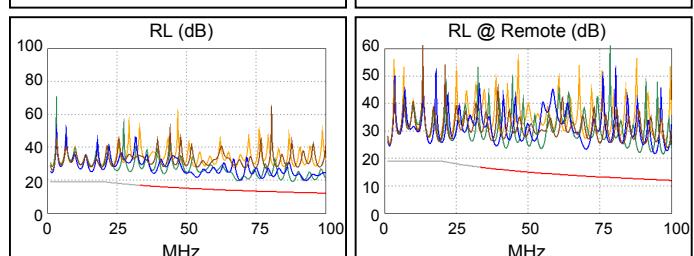
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	19.9	19.9	20.4	20.5
Freq. (MHz)	4.4	4.4	96.3	96.3
Limit (dB)	45.8	45.8	18.9	18.9
Worst Pair	36	36	36	36
PS ACR-F (dB)	19.3	19.2	21.5	22.2
Freq. (MHz)	1.0	1.0	96.3	99.8
Limit (dB)	55.6	55.6	15.9	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-78	12-45
ACR-N (dB)	20.7	19.6	24.0	30.2
Freq. (MHz)	2.3	2.4	77.8	92.5
Limit (dB)	55.7	55.3	15.8	12.8
Worst Pair	12	12	36	78
PS ACR-N (dB)	21.4	21.3	29.7	32.0
Freq. (MHz)	2.1	2.1	98.5	94.5
Limit (dB)	53.1	53.1	8.6	9.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	5.9	8.0	6.5	9.5
Freq. (MHz)	68.3	42.3	88.0	97.0
Limit (dB)	13.7	15.8	12.6	12.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/111

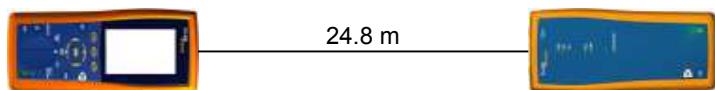
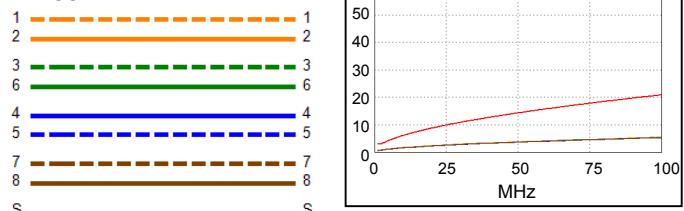
Date / Time: 30/05/2018 12:02:10 PM
Headroom 14.9 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

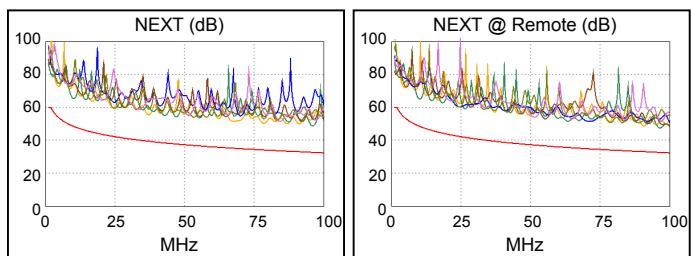
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

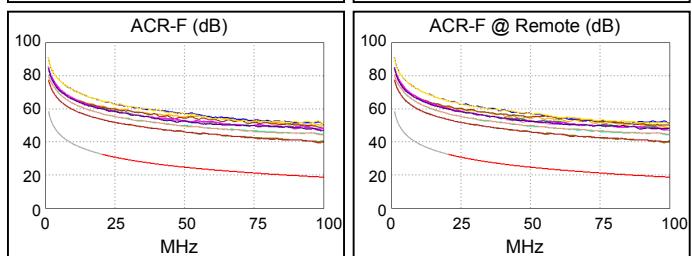
Length (m), Limit 90.0	[Pair 36]	24.8
Prop. Delay (ns), Limit 498	[Pair 12]	125
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 36]	4.8
Insertion Loss Margin (dB)	[Pair 12]	15.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0


**Wire Map (T568B)
PASS**

Worst Case Margin Worst Case Value

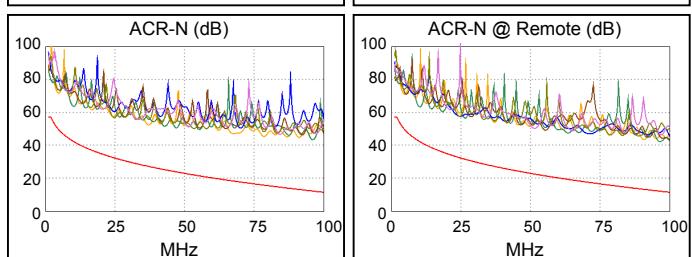
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-45	12-45	12-45
NEXT (dB)	16.1	14.9	16.1	14.9
Freq. (MHz)	37.0	96.3	95.8	96.3
Limit (dB)	39.4	32.6	32.6	32.6
Worst Pair	36	45	45	45
PS NEXT (dB)	16.4	15.1	16.7	15.1
Freq. (MHz)	78.3	96.8	96.3	96.8
Limit (dB)	31.1	29.5	29.6	29.5



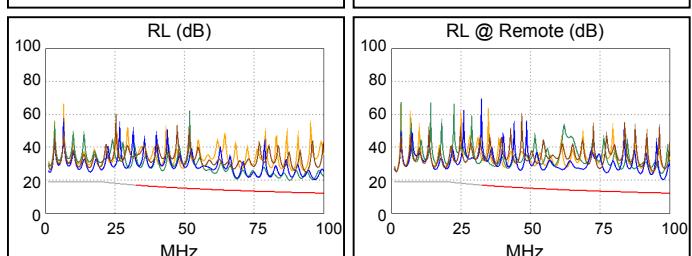
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	45-36	36-45
ACR-F (dB)	20.2	20.2	20.6	20.7
Freq. (MHz)	4.9	4.9	98.3	97.8
Limit (dB)	44.9	44.9	18.8	18.8
Worst Pair	45	45	45	45
PS ACR-F (dB)	19.8	19.7	22.5	22.0
Freq. (MHz)	1.0	1.0	97.8	98.3
Limit (dB)	55.6	55.6	15.8	15.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-36	12-45	12-45
ACR-N (dB)	21.4	21.2	31.3	30.2
Freq. (MHz)	9.6	4.1	95.8	96.3
Limit (dB)	42.7	50.6	12.1	12.0
Worst Pair	36	36	45	45
PS ACR-N (dB)	21.3	20.9	32.0	30.4
Freq. (MHz)	4.3	4.3	96.3	96.8
Limit (dB)	47.3	47.3	9.0	8.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	7.1	8.2	7.2	8.2
Freq. (MHz)	68.5	97.5	87.8	97.5
Limit (dB)	13.7	12.1	12.6	12.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/112

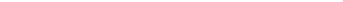
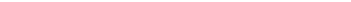
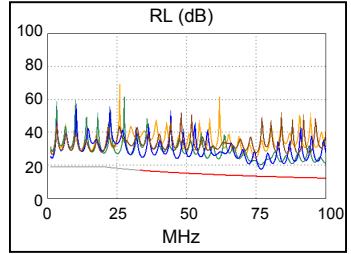
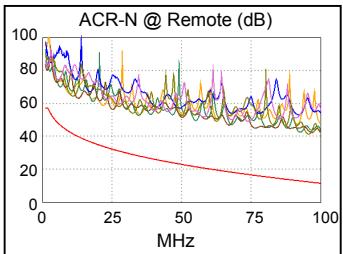
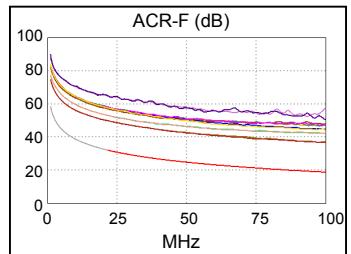
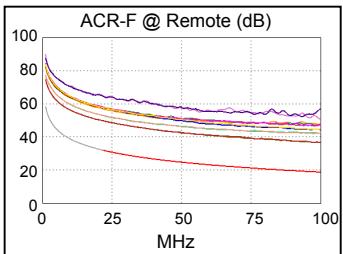
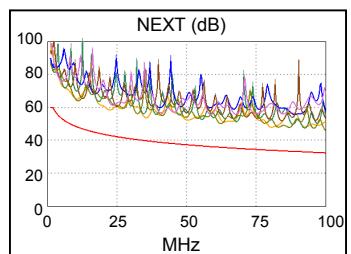
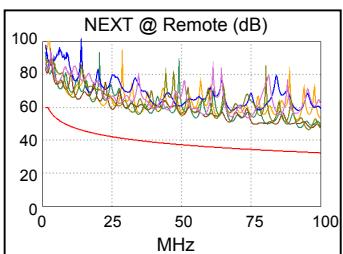
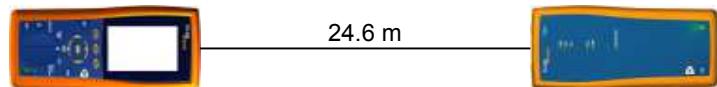
Date / Time: 30/05/2018 12:02:29 PM
Headroom 13.6 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	24.6
Prop. Delay (ns), Limit 498	[Pair 12]	124
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	4.8
Insertion Loss Margin (dB)	[Pair 12]	15.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



Worst Case Margin		Worst Case Value		
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-78	36-78
NEXT (dB)	13.6	13.9	13.6	13.9
Freq. (MHz)	100.0	95.3	100.0	95.5
Limit (dB)	32.3	32.7	32.3	32.6
Worst Pair	36	36	36	36
PS NEXT (dB)	14.4	14.4	15.0	14.4
Freq. (MHz)	82.8	95.8	100.0	95.8
Limit (dB)	30.7	29.6	29.3	29.6
N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	17.2	17.2	17.7	17.7
Freq. (MHz)	3.6	3.1	97.5	97.5
Limit (dB)	47.4	48.7	18.8	18.8
Worst Pair	45	45	45	45
PS ACR-F (dB)	17.0	17.1	19.5	19.3
Freq. (MHz)	1.0	1.0	97.3	97.5
Limit (dB)	55.6	55.6	15.9	15.8
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	4.4	6.5	4.4	6.5
Freq. (MHz)	76.8	76.8	76.8	76.8
Limit (dB)	13.2	13.2	13.2	13.2

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/113

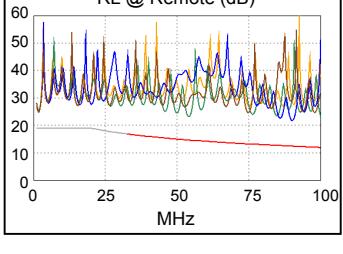
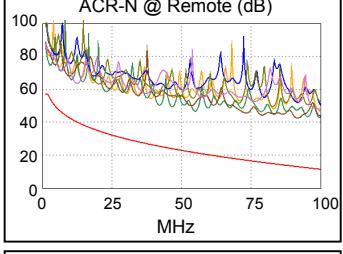
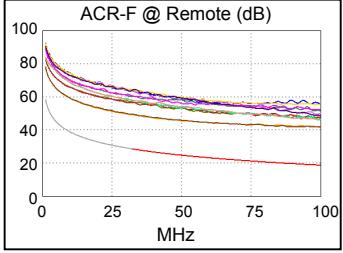
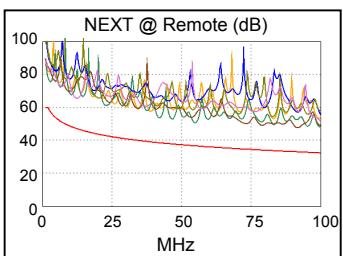
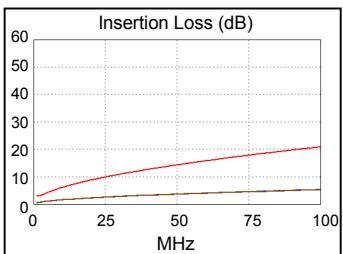
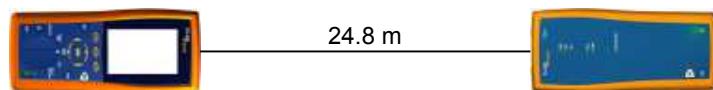
Date / Time: 30/05/2018 12:02:50 PM
Headroom 13.4 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	24.8
Prop. Delay (ns), Limit 498	[Pair 12]	125
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	4.9
Insertion Loss Margin (dB)	[Pair 36]	15.5
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	36-45
NEXT (dB)	13.4	14.0	15.6	14.7
Freq. (MHz)	55.0	54.8	99.8	91.5
Limit (dB)	36.6	36.6	32.3	32.9
Worst Pair	45	45	45	45
PS NEXT (dB)	16.0	15.4	16.6	15.4
Freq. (MHz)	54.8	100.0	100.0	100.0
Limit (dB)	33.6	29.3	29.3	29.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-12	12-36	36-12	12-36
ACR-F (dB)	20.1	20.1	22.9	22.8
Freq. (MHz)	4.8	7.1	99.8	100.0
Limit (dB)	45.1	41.6	18.6	18.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	21.2	21.1	24.2	24.2
Freq. (MHz)	1.0	1.1	97.3	99.8
Limit (dB)	55.6	54.6	15.9	15.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	36-45
ACR-N (dB)	20.8	20.3	31.2	29.5
Freq. (MHz)	2.1	2.3	99.8	91.8
Limit (dB)	56.1	55.7	11.4	12.9
Worst Pair	45	45	45	45
PS ACR-N (dB)	22.1	21.7	32.3	31.1
Freq. (MHz)	2.3	1.9	100.0	100.0
Limit (dB)	52.7	54.0	8.3	8.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	45
RL (dB)	7.3	8.6	8.0	9.3
Freq. (MHz)	83.8	54.0	99.8	90.0
Limit (dB)	12.8	14.7	12.0	12.5

Compliant Network Standards:

10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/114

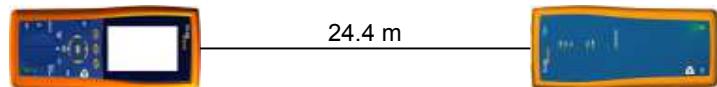
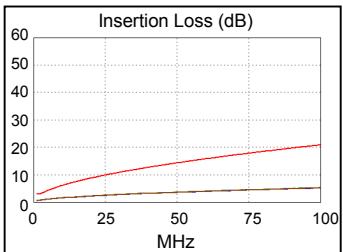
Date / Time: 30/05/2018 12:03:10 PM
Headroom 11.5 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

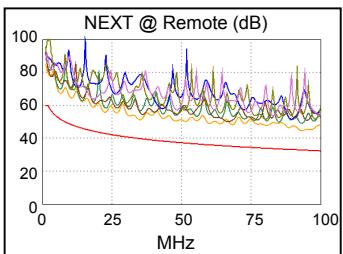
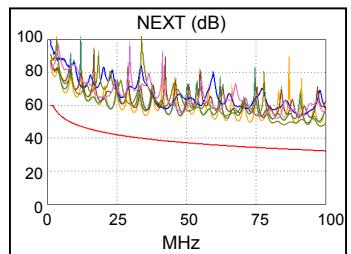
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	24.4
Prop. Delay (ns), Limit 498	[Pair 12]	123
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 45]	4.8
Insertion Loss Margin (dB)	[Pair 12]	15.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

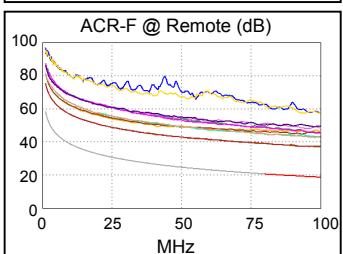
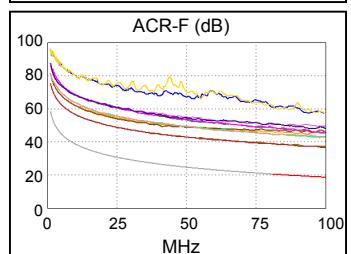

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

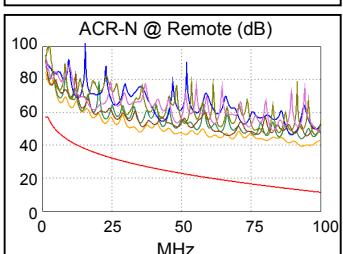
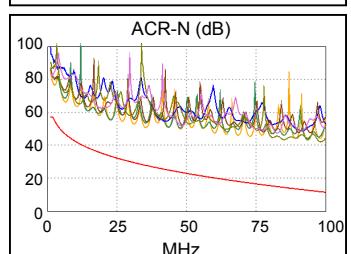
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-78	12-36
NEXT (dB)	14.1	11.5	14.8	11.9
Freq. (MHz)	35.3	34.8	98.3	92.8
Limit (dB)	39.7	39.8	32.4	32.8
Worst Pair	12	36	12	12
PS NEXT (dB)	15.1	13.1	15.1	13.5
Freq. (MHz)	22.6	35.3	93.5	92.8
Limit (dB)	39.8	36.7	29.8	29.8



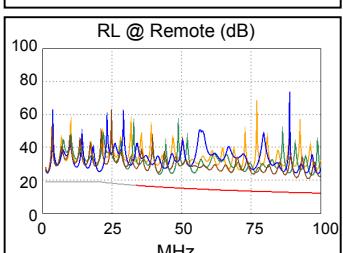
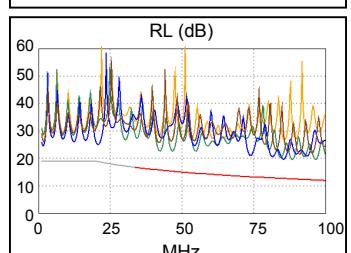
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	45-36	36-45
ACR-F (dB)	17.5	17.5	18.0	18.1
Freq. (MHz)	3.3	3.3	99.5	98.0
Limit (dB)	48.4	48.4	18.7	18.8
Worst Pair	45	36	36	45
PS ACR-F (dB)	18.5	18.5	20.2	19.5
Freq. (MHz)	1.0	1.0	99.5	98.3
Limit (dB)	55.6	55.6	15.7	15.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-78	12-36
ACR-N (dB)	19.4	19.2	30.3	26.8
Freq. (MHz)	6.0	6.3	98.3	92.8
Limit (dB)	47.2	46.9	11.7	12.7
Worst Pair	12	12	12	12
PS ACR-N (dB)	20.4	20.3	30.1	28.4
Freq. (MHz)	5.9	6.0	93.5	92.8
Limit (dB)	44.4	44.2	9.6	9.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	78
RL (dB)	6.9	7.6	7.1	8.7
Freq. (MHz)	42.3	42.0	88.3	95.3
Limit (dB)	15.8	15.8	12.6	12.2



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/115

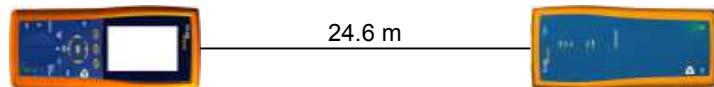
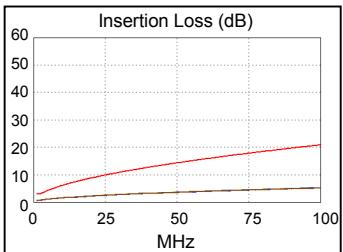
Date / Time: 30/05/2018 12:07:14 PM
Headroom 11.4 dB (**NEXT 12-45**)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

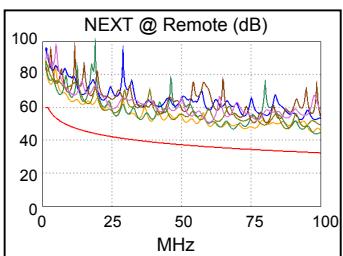
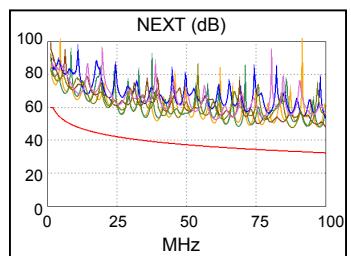
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	24.6
Prop. Delay (ns), Limit 498	[Pair 12]	123
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 36]	4.9
Insertion Loss Margin (dB)	[Pair 36]	15.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

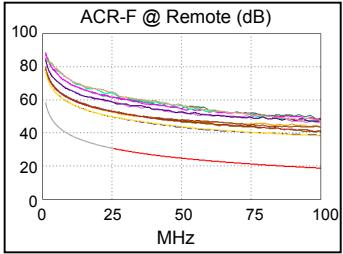
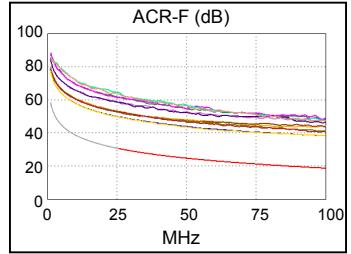

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

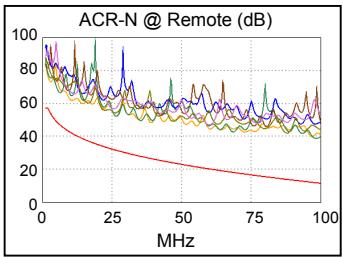
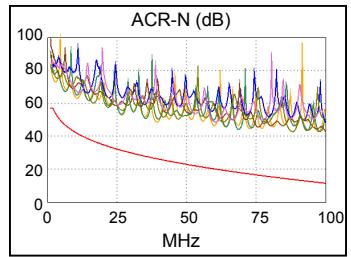
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-45	36-78	12-45
NEXT (dB)	13.0	11.4	14.4	11.4
Freq. (MHz)	39.3	98.3	88.0	98.3
Limit (dB)	38.9	32.4	33.2	32.4
Worst Pair	12	12	12	12
PS NEXT (dB)	13.7	12.0	15.7	12.0
Freq. (MHz)	39.5	97.3	97.5	97.3
Limit (dB)	35.9	29.5	29.5	29.5



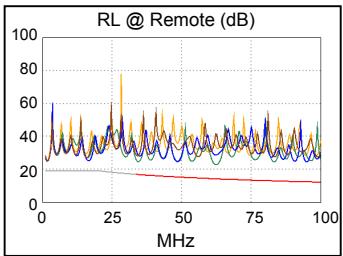
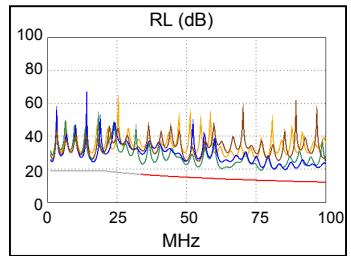
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	12-78	12-78	78-12
ACR-F (dB)	18.5	18.6	19.6	19.5
Freq. (MHz)	57.8	52.8	100.0	100.0
Limit (dB)	23.4	24.2	18.6	18.6
Worst Pair	12	12	12	12
PS ACR-F (dB)	19.8	19.7	21.2	21.2
Freq. (MHz)	1.1	1.3	99.5	100.0
Limit (dB)	54.6	53.7	15.7	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	12-45
ACR-N (dB)	18.2	18.9	31.3	26.9
Freq. (MHz)	2.1	2.3	100.0	98.3
Limit (dB)	56.1	55.7	11.3	11.7
Worst Pair	12	12	12	12
PS ACR-N (dB)	19.3	19.5	31.1	27.4
Freq. (MHz)	2.1	2.5	97.5	97.3
Limit (dB)	53.1	51.8	8.8	8.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	6.0	7.8	6.0	8.6
Freq. (MHz)	76.8	34.3	76.8	62.3
Limit (dB)	13.2	16.7	13.2	14.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/116

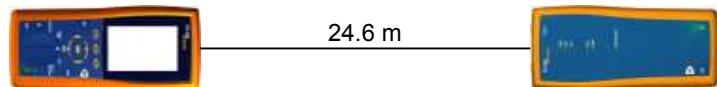
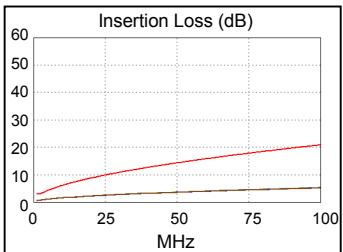
Date / Time: 30/05/2018 12:07:37 PM
Headroom 12.9 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

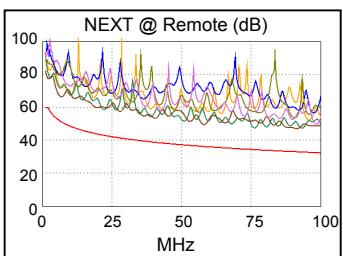
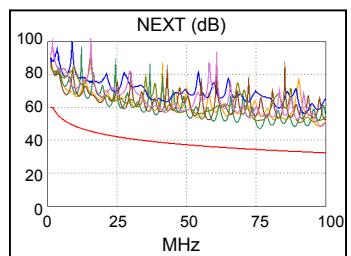
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	24.6
Prop. Delay (ns), Limit 498	[Pair 12]	124
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	4.8
Insertion Loss Margin (dB)	[Pair 36]	15.6
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

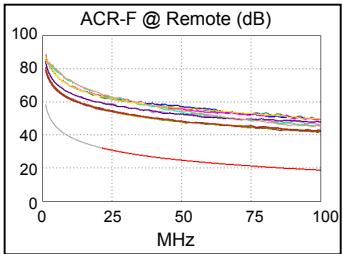
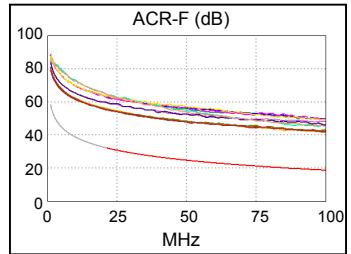

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

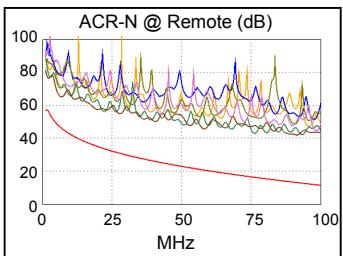
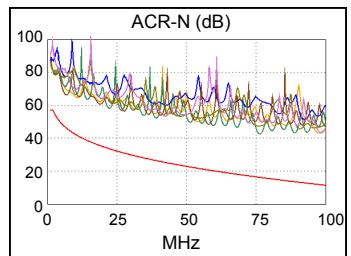
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	36-45
NEXT (dB)	12.9	13.2	12.9	14.0
Freq. (MHz)	76.3	76.0	76.3	91.3
Limit (dB)	34.2	34.3	34.2	33.0
Worst Pair	12	45	12	45
PS NEXT (dB)	15.3	14.5	15.3	14.5
Freq. (MHz)	76.3	88.8	76.3	89.3
Limit (dB)	31.2	30.2	31.2	30.1



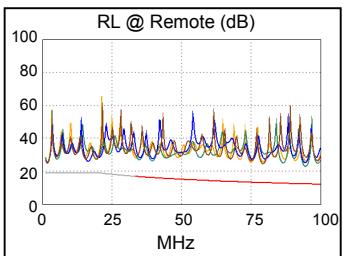
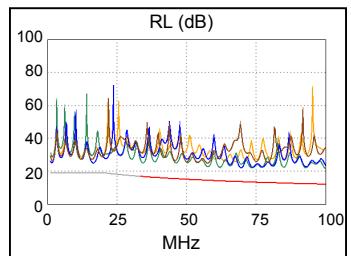
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	12-36	36-12
ACR-F (dB)	22.3	22.4	22.9	22.9
Freq. (MHz)	6.0	5.8	98.5	98.5
Limit (dB)	43.1	43.4	18.7	18.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	20.8	20.8	22.3	22.8
Freq. (MHz)	1.1	1.0	98.0	97.3
Limit (dB)	54.6	55.6	15.8	15.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	36-45
ACR-N (dB)	19.9	18.6	26.5	29.0
Freq. (MHz)	6.3	6.3	76.3	91.3
Limit (dB)	46.9	46.9	16.1	13.0
Worst Pair	36	45	36	45
PS ACR-N (dB)	21.0	20.3	32.4	29.2
Freq. (MHz)	6.4	6.3	96.8	89.3
Limit (dB)	43.7	43.9	8.9	10.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	8.1	10.1	9.1	10.5
Freq. (MHz)	62.0	39.3	100.0	94.5
Limit (dB)	14.1	16.1	12.0	12.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/117

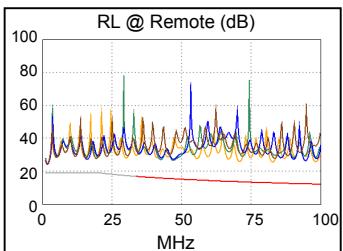
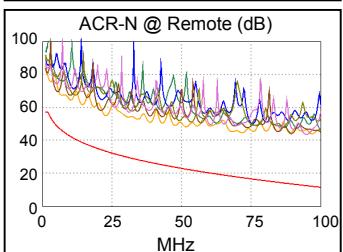
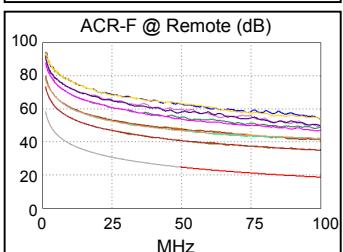
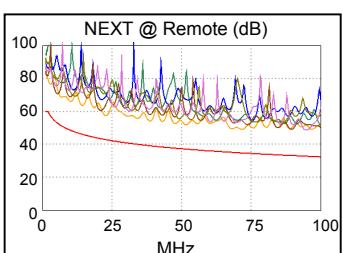
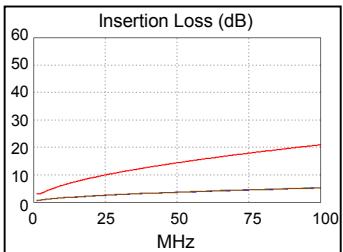
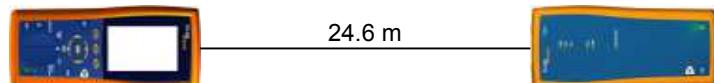
Date / Time: 30/05/2018 12:07:59 PM
Headroom 13.3 dB (**NEXT 45-78**)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	24.6
Prop. Delay (ns), Limit 498	[Pair 12]	123
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 78]	4.9
Insertion Loss Margin (dB)	[Pair 12]	15.7
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	12-36	45-78	45-78
NEXT (dB)	13.3	14.3	13.3	16.0
Freq. (MHz)	69.5	71.5	70.0	94.8
Limit (dB)	34.9	34.7	34.8	32.7
Worst Pair	78	36	36	36
PS NEXT (dB)	15.9	15.7	16.5	16.0
Freq. (MHz)	68.8	84.3	88.8	89.0
Limit (dB)	32.0	30.5	30.2	30.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	15.5	15.4	16.2	16.2
Freq. (MHz)	2.5	2.5	100.0	99.8
Limit (dB)	50.7	50.7	18.6	18.6
Worst Pair	45	45	36	36
PS ACR-F (dB)	16.5	16.5	18.1	18.2
Freq. (MHz)	1.0	1.0	98.5	100.0
Limit (dB)	55.6	55.6	15.7	15.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-36	45-78
ACR-N (dB)	20.7	21.0	30.0	31.3
Freq. (MHz)	2.0	5.0	88.8	94.8
Limit (dB)	56.5	48.9	13.5	12.3
Worst Pair	12	36	36	36
PS ACR-N (dB)	22.9	21.9	31.2	30.6
Freq. (MHz)	2.3	5.6	88.8	89.0
Limit (dB)	52.7	44.8	10.5	10.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	36	12
RL (dB)	7.7	11.2	8.2	12.6
Freq. (MHz)	50.5	42.3	65.8	82.5
Limit (dB)	15.0	15.8	13.8	12.8

Compliant Network Standards:

10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/118

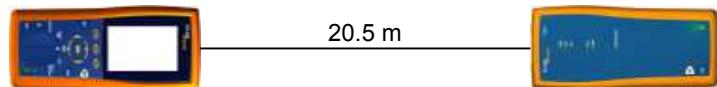
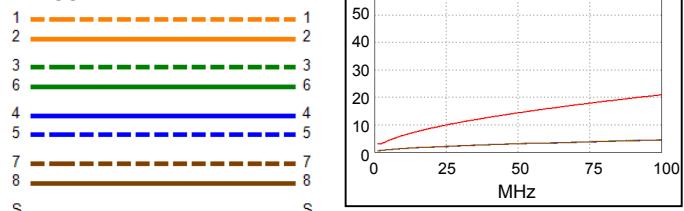
Date / Time: 30/05/2018 12:08:17 PM
Headroom 13.5 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

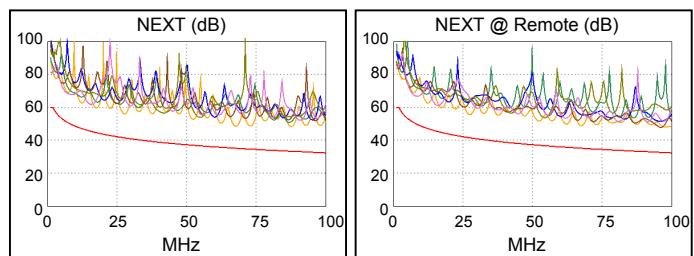
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	20.5
Prop. Delay (ns), Limit 498	[Pair 12]	102
Delay Skew (ns), Limit 44	[Pair 12]	3
Resistance (ohms)	[Pair 12]	4.1
Insertion Loss Margin (dB)	[Pair 12]	16.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

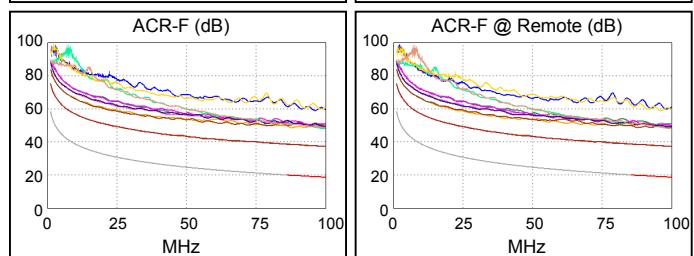

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

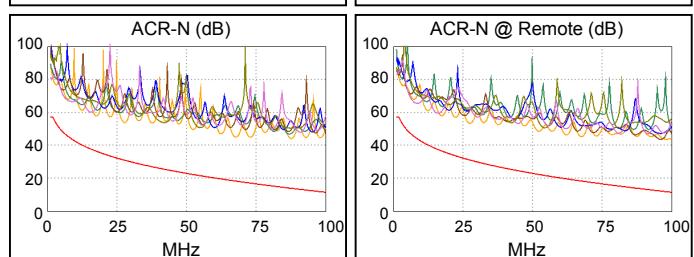
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	36-45
NEXT (dB)	13.5	13.7	15.0	15.2
Freq. (MHz)	67.5	67.3	87.5	96.0
Limit (dB)	35.1	35.1	33.3	32.6
Worst Pair	36	36	12	36
PS NEXT (dB)	15.9	15.1	16.0	15.6
Freq. (MHz)	67.0	67.0	87.3	96.8
Limit (dB)	32.2	32.2	30.3	29.5



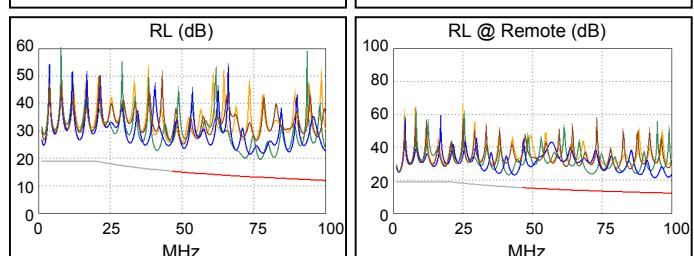
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	17.8	17.8	18.7	18.6
Freq. (MHz)	3.3	3.3	100.0	99.0
Limit (dB)	48.4	48.4	18.6	18.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	18.9	19.1	21.0	21.2
Freq. (MHz)	1.0	1.0	99.0	100.0
Limit (dB)	55.6	55.6	15.7	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	45-78	12-36	36-45
ACR-N (dB)	21.0	20.8	30.2	31.4
Freq. (MHz)	12.1	7.3	87.5	96.0
Limit (dB)	40.3	45.5	13.8	12.1
Worst Pair	12	45	12	36
PS ACR-N (dB)	22.4	22.2	31.3	31.8
Freq. (MHz)	12.0	6.3	87.3	96.8
Limit (dB)	37.4	43.9	10.8	8.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	6.6	9.2	6.6	9.2
Freq. (MHz)	77.3	93.8	77.3	93.8
Limit (dB)	13.1	12.3	13.1	12.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/119

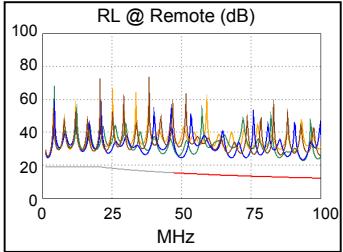
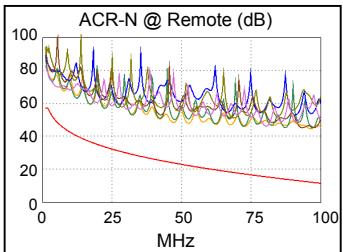
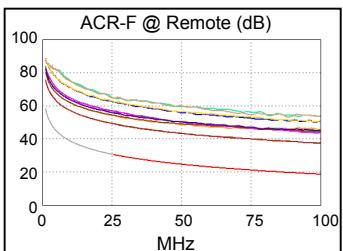
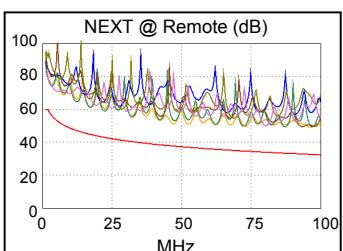
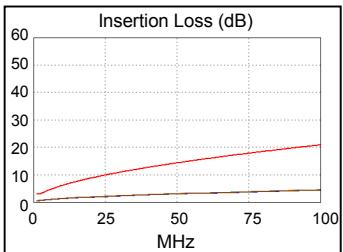
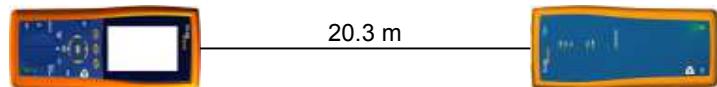
Date / Time: 30/05/2018 12:08:40 PM
Headroom 13.6 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	20.3
Prop. Delay (ns), Limit 498	[Pair 12]	102
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 36]	4.1
Insertion Loss Margin (dB)	[Pair 12]	16.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-36	12-45	12-36
NEXT (dB)	13.6	13.6	14.7	16.4
Freq. (MHz)	71.8	47.0	97.0	96.0
Limit (dB)	34.7	37.7	32.5	32.6
Worst Pair	12	12	45	12
PS NEXT (dB)	14.4	14.5	15.1	16.4
Freq. (MHz)	72.5	47.0	92.3	96.5
Limit (dB)	31.6	34.7	29.9	29.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	18.0	18.0	18.7	18.6
Freq. (MHz)	3.5	3.5	98.8	99.0
Limit (dB)	47.7	47.7	18.7	18.7
Worst Pair	36	36	36	36
PS ACR-F (dB)	18.3	18.3	20.4	20.5
Freq. (MHz)	1.0	1.1	99.0	98.8
Limit (dB)	55.6	54.6	15.7	15.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	12-45	12-45	12-36
ACR-N (dB)	18.6	20.2	31.0	32.5
Freq. (MHz)	3.1	2.5	96.8	96.0
Limit (dB)	53.0	54.8	11.9	12.1
Worst Pair	45	45	45	12
PS ACR-N (dB)	19.0	20.0	30.9	32.6
Freq. (MHz)	2.8	2.8	92.3	96.5
Limit (dB)	51.0	51.0	9.8	9.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	36
RL (dB)	7.1	9.4	7.1	10.4
Freq. (MHz)	86.3	49.5	86.5	93.5
Limit (dB)	12.7	15.1	12.6	12.3

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/120

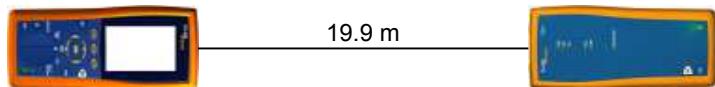
Date / Time: 30/05/2018 12:08:55 PM
Headroom 12.3 dB (**NEXT 45-78**)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

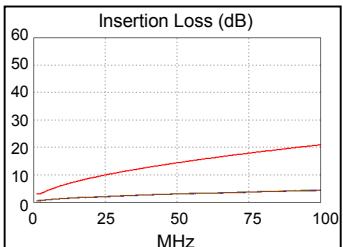
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

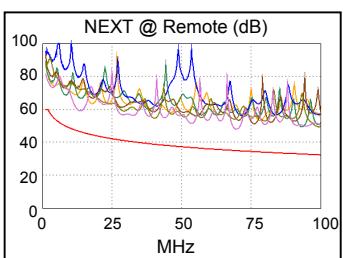
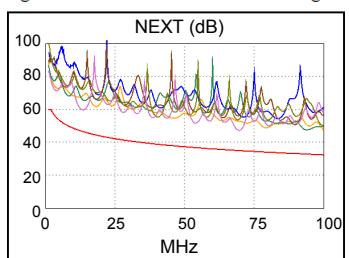
Length (m), Limit 90.0	[Pair 45]	19.9
Prop. Delay (ns), Limit 498	[Pair 12]	100
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 36]	4.0
Insertion Loss Margin (dB)	[Pair 12]	16.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0


**Wire Map (T568B)
PASS**

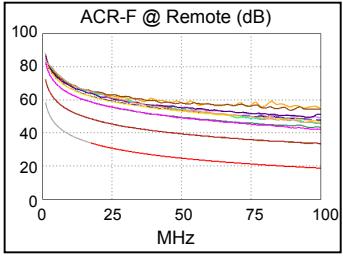
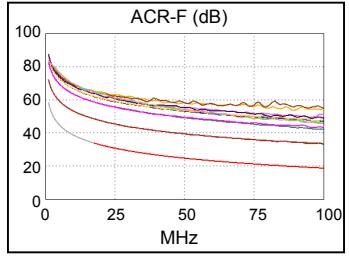
1	—	1
2	—	2
3	—	3
6	—	6
4	—	4
5	—	5
7	—	7
8	—	8
S	—	S


Worst Case Margin Worst Case Value

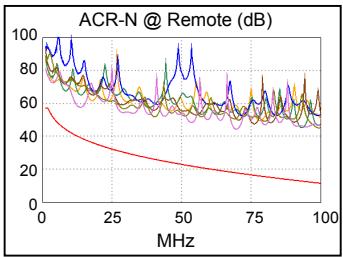
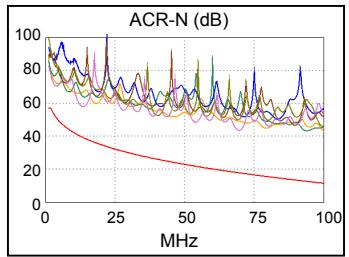
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	12.3	12.6	12.3	13.0
Freq. (MHz)	69.5	13.0	69.5	69.5
Limit (dB)	34.9	46.7	34.9	34.9
Worst Pair	78	45	36	78
PS NEXT (dB)	14.1	14.8	15.9	17.1
Freq. (MHz)	69.5	13.4	100.0	100.0
Limit (dB)	31.9	43.5	29.3	29.3



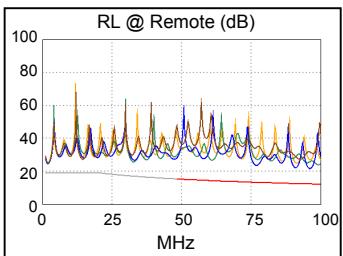
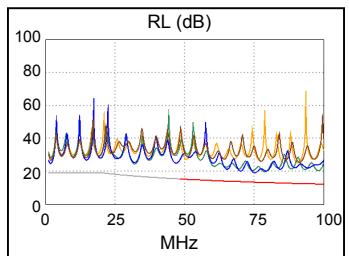
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	14.1	14.0	14.5	14.6
Freq. (MHz)	2.1	2.1	100.0	100.0
Limit (dB)	52.1	52.1	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	16.0	16.0	17.1	16.9
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	55.6	55.6	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	45-78
ACR-N (dB)	18.3	18.2	31.6	26.6
Freq. (MHz)	2.9	13.0	100.0	69.5
Limit (dB)	53.7	39.6	11.3	17.7
Worst Pair	45	45	36	78
PS ACR-N (dB)	20.1	20.3	32.5	33.8
Freq. (MHz)	2.6	2.1	100.0	100.0
Limit (dB)	51.4	53.1	8.3	8.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	5.7	9.3	5.7	9.3
Freq. (MHz)	75.0	96.0	75.0	96.0
Limit (dB)	13.3	12.2	13.3	12.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/121

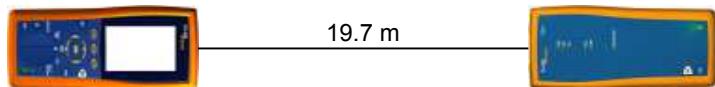
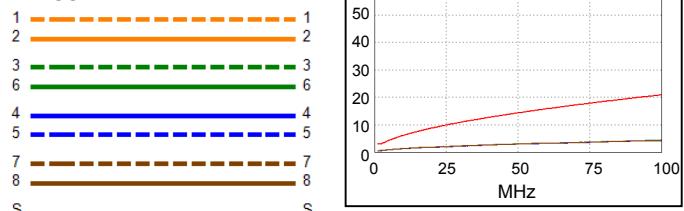
Date / Time: 30/05/2018 12:09:12 PM
Headroom 15.0 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

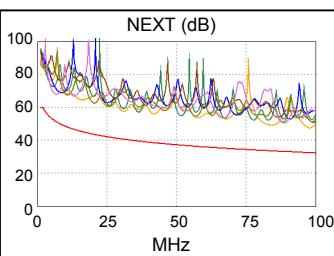
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	19.7
Prop. Delay (ns), Limit 498	[Pair 12]	99
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 36]	3.9
Insertion Loss Margin (dB)	[Pair 12]	16.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

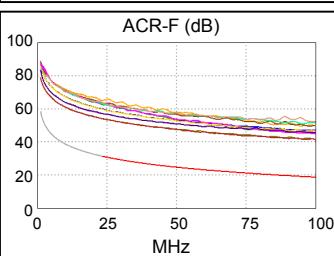

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

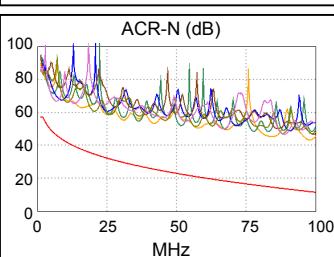
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	45-78	12-36	12-36
NEXT (dB)	15.0	16.6	15.0	16.7
Freq. (MHz)	97.5	6.1	97.5	97.5
Limit (dB)	32.5	51.9	32.5	32.5
Worst Pair	36	12	36	12
PS NEXT (dB)	15.5	15.8	15.5	15.8
Freq. (MHz)	98.0	97.8	98.0	98.0
Limit (dB)	29.4	29.5	29.4	29.4



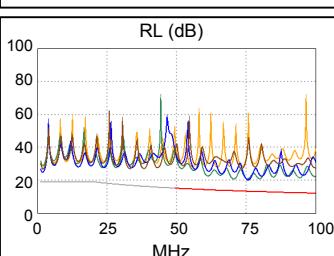
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	22.0	22.0	22.6	22.5
Freq. (MHz)	6.0	5.5	100.0	100.0
Limit (dB)	43.1	43.8	18.6	18.6
Worst Pair	45	36	45	36
PS ACR-F (dB)	21.6	21.5	23.9	23.8
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	55.6	55.6	15.6	15.6



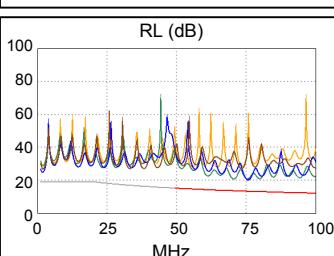
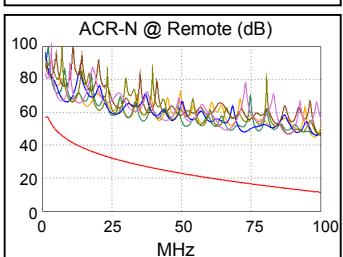
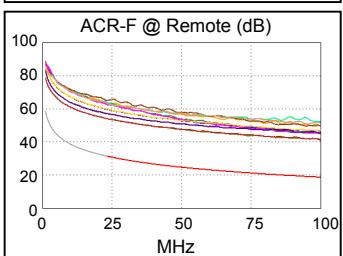
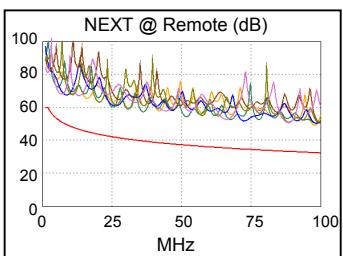
N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	12-36
ACR-N (dB)	20.3	20.5	31.4	33.1
Freq. (MHz)	5.9	6.1	97.5	97.5
Limit (dB)	47.4	47.0	11.8	11.8
Worst Pair	45	78	36	12
PS ACR-N (dB)	21.7	21.6	31.9	32.2
Freq. (MHz)	5.8	6.4	98.0	98.0
Limit (dB)	44.6	43.7	8.7	8.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	6.9	9.1	6.9	9.1
Freq. (MHz)	75.5	96.8	75.5	96.8
Limit (dB)	13.2	12.2	13.2	12.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive

RL @ Remote (dB)



Cable ID: GEN/122

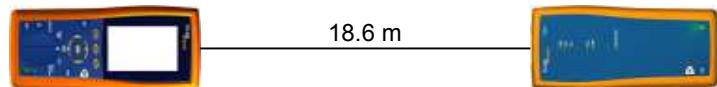
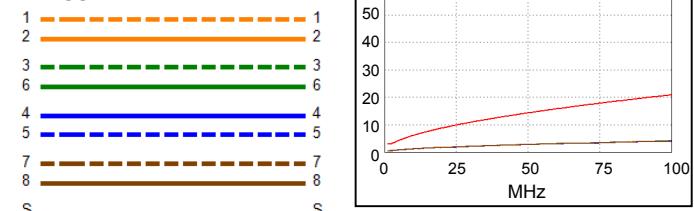
Date / Time: 30/05/2018 12:09:31 PM
Headroom 14.8 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

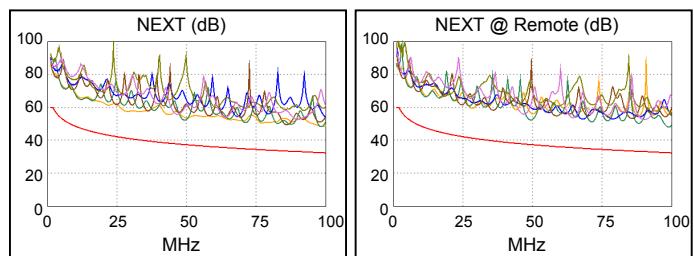
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	18.6
Prop. Delay (ns), Limit 498	[Pair 12]	94
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 45]	3.8
Insertion Loss Margin (dB)	[Pair 36]	16.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

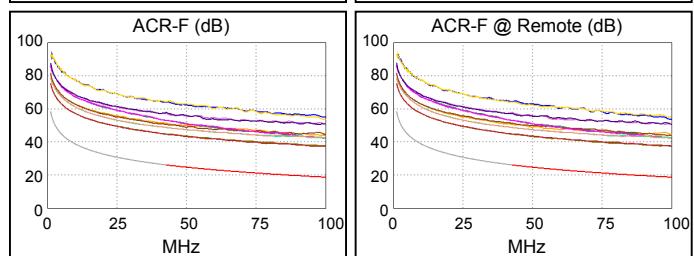

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

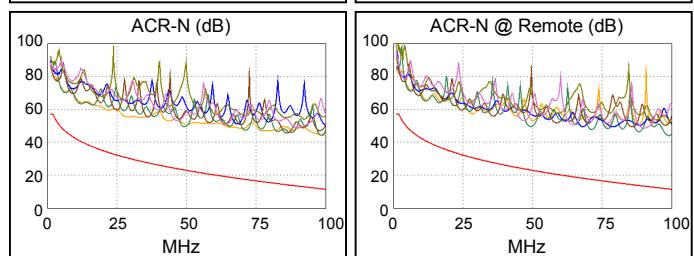
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	14.8	15.0	15.9	15.7
Freq. (MHz)	49.0	49.0	98.3	98.8
Limit (dB)	37.4	37.4	32.4	32.4
Worst Pair	12	12	12	12
PS NEXT (dB)	15.5	16.0	15.7	17.6
Freq. (MHz)	49.0	49.5	98.5	98.8
Limit (dB)	34.4	34.3	29.4	29.4



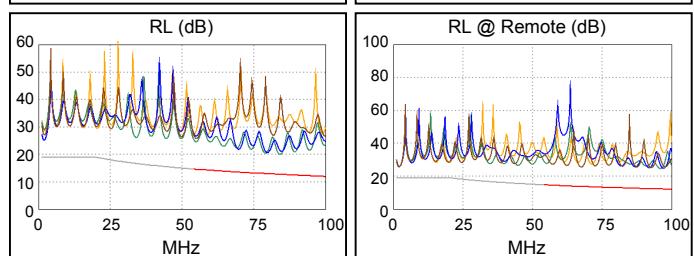
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	18.0	18.1	18.6	18.7
Freq. (MHz)	3.4	3.4	100.0	100.0
Limit (dB)	48.0	48.0	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	18.0	18.1	19.7	19.5
Freq. (MHz)	1.0	1.0	99.8	100.0
Limit (dB)	55.6	55.6	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-36	12-45
ACR-N (dB)	22.7	23.4	32.7	32.4
Freq. (MHz)	11.4	5.3	98.8	98.8
Limit (dB)	41.0	48.4	11.6	11.6
Worst Pair	12	12	12	12
PS ACR-N (dB)	23.0	23.7	32.4	34.3
Freq. (MHz)	11.4	5.6	98.5	98.8
Limit (dB)	38.0	44.8	8.6	8.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	36
RL (dB)	7.2	11.7	7.2	12.3
Freq. (MHz)	84.0	67.5	84.0	95.8
Limit (dB)	12.8	13.7	12.8	12.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/123

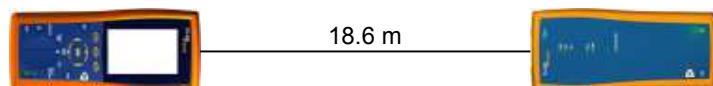
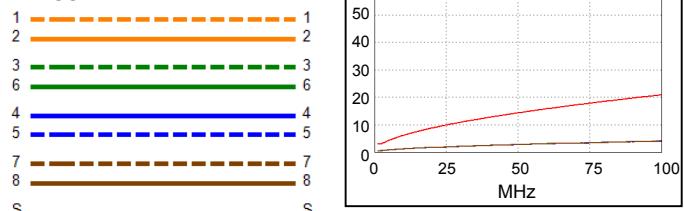
Date / Time: 30/05/2018 12:10:05 PM
Headroom 11.5 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

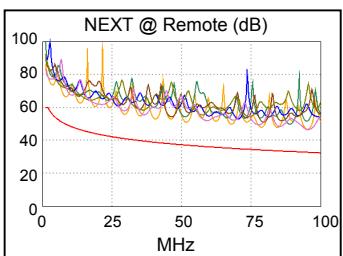
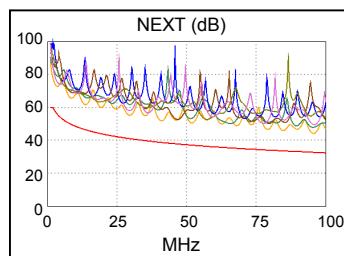
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	18.6
Prop. Delay (ns), Limit 498	[Pair 12]	94
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 45]	3.7
Insertion Loss Margin (dB)	[Pair 12]	16.9
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

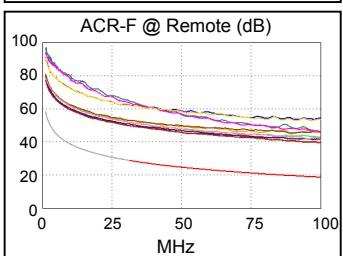
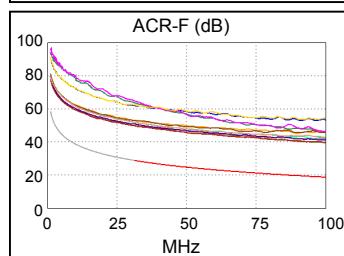

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

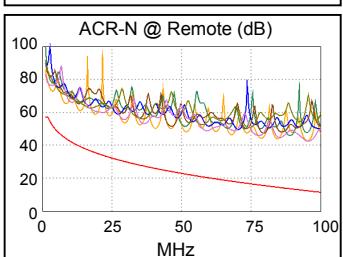
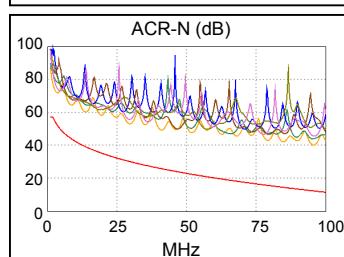
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	45-78	12-36	45-78
NEXT (dB)	11.5	13.8	11.5	13.8
Freq. (MHz)	95.3	95.0	95.5	95.0
Limit (dB)	32.7	32.7	32.6	32.7
Worst Pair	12	12	12	45
PS NEXT (dB)	12.9	15.2	12.9	15.5
Freq. (MHz)	95.3	51.8	95.3	94.8
Limit (dB)	29.7	34.0	29.7	29.7



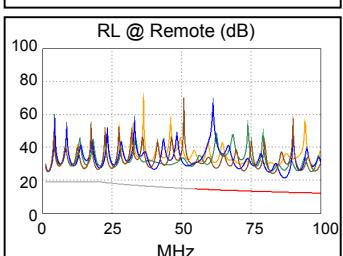
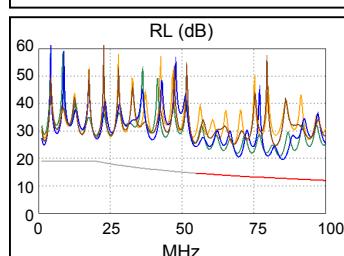
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	20.2	20.2	20.6	20.6
Freq. (MHz)	4.9	4.4	100.0	100.0
Limit (dB)	44.9	45.8	18.6	18.6
Worst Pair	36	36	36	36
PS ACR-F (dB)	18.9	18.9	20.9	21.2
Freq. (MHz)	1.0	1.0	100.0	99.3
Limit (dB)	55.6	55.6	15.6	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	45-78
ACR-N (dB)	19.0	20.1	27.9	30.4
Freq. (MHz)	2.8	2.5	95.5	95.8
Limit (dB)	54.0	54.8	12.2	12.1
Worst Pair	36	36	12	45
PS ACR-N (dB)	20.9	21.7	29.4	31.9
Freq. (MHz)	8.1	2.5	95.3	94.8
Limit (dB)	41.4	51.8	9.2	9.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	6.9	8.7	6.9	8.7
Freq. (MHz)	85.0	87.0	85.0	87.0
Limit (dB)	12.7	12.6	12.7	12.6



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/124

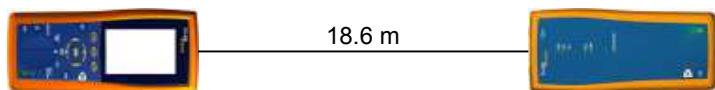
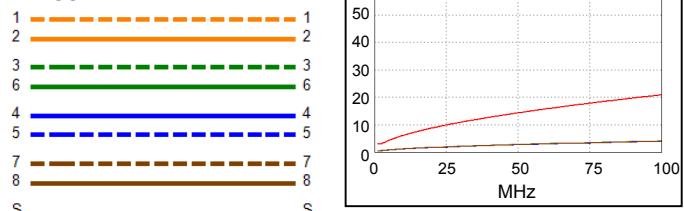
Date / Time: 30/05/2018 12:10:26 PM
Headroom 9.6 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

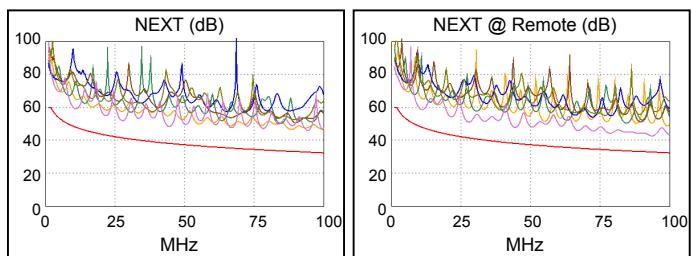
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	18.6
Prop. Delay (ns), Limit 498	[Pair 12]	93
Delay Skew (ns), Limit 44	[Pair 12]	3
Resistance (ohms)	[Pair 45]	3.7
Insertion Loss Margin (dB)	[Pair 12]	16.9
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

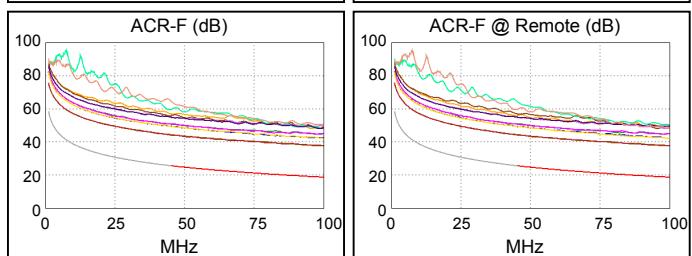

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

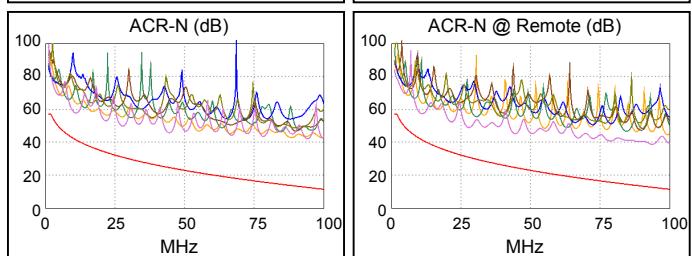
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	10.3	9.6	13.4	9.8
Freq. (MHz)	44.3	27.8	94.0	93.5
Limit (dB)	38.1	41.4	32.7	32.8
Worst Pair	45	45	45	45
PS NEXT (dB)	13.0	12.4	14.8	12.7
Freq. (MHz)	27.4	27.8	94.3	93.5
Limit (dB)	38.5	38.4	29.7	29.8



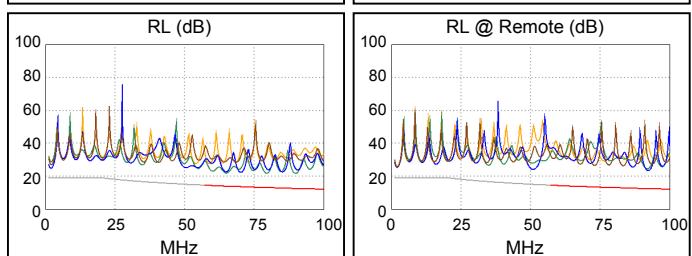
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	18.0	18.1	18.8	18.8
Freq. (MHz)	3.6	3.4	96.5	96.5
Limit (dB)	47.4	48.0	18.9	18.9
Worst Pair	45	45	45	45
PS ACR-F (dB)	19.2	19.0	21.1	20.8
Freq. (MHz)	1.1	1.0	99.3	97.5
Limit (dB)	54.6	55.6	15.7	15.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
ACR-N (dB)	16.1	15.7	30.8	26.1
Freq. (MHz)	10.1	10.1	100.0	93.5
Limit (dB)	42.2	42.2	11.3	12.6
Worst Pair	45	45	45	45
PS ACR-N (dB)	19.0	18.6	31.2	29.0
Freq. (MHz)	10.0	10.5	94.3	93.5
Limit (dB)	39.3	38.8	9.4	9.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	7.9	10.9	9.1	10.9
Freq. (MHz)	64.8	92.3	89.8	92.3
Limit (dB)	13.9	12.4	12.5	12.4



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/125

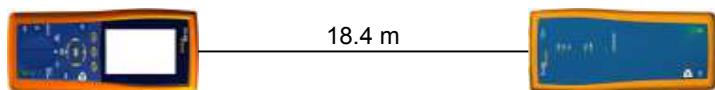
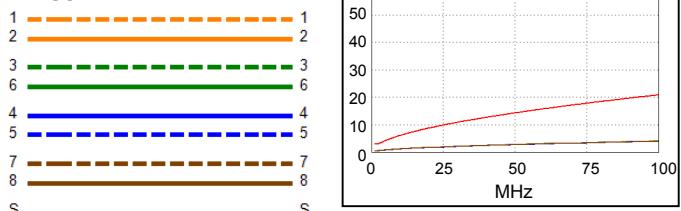
Date / Time: 30/05/2018 12:10:41 PM
Headroom 12.9 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

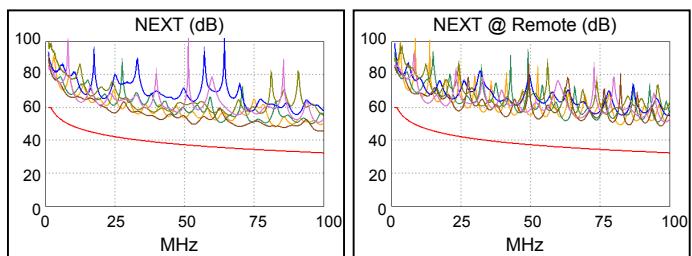
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

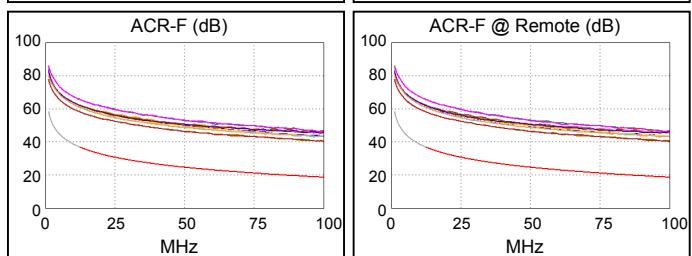
Length (m), Limit 90.0	[Pair 45]	18.4
Prop. Delay (ns), Limit 498	[Pair 12]	93
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 36]	3.7
Insertion Loss Margin (dB)	[Pair 12]	16.9
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0


Wire Map (T568B) PASS

Worst Case Margin Worst Case Value

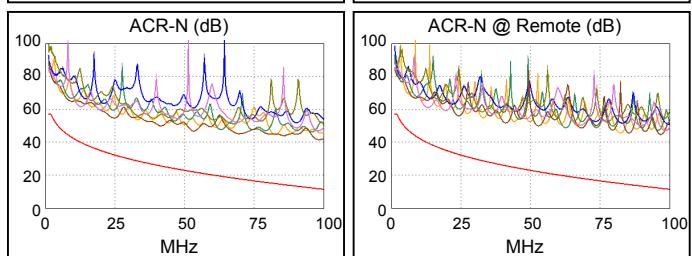
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	12.9	15.5	13.2	16.2
Freq. (MHz)	52.8	23.8	98.0	96.5
Limit (dB)	36.9	42.5	32.4	32.6
Worst Pair	36	45	36	45
PS NEXT (dB)	14.4	16.7	14.4	16.7
Freq. (MHz)	98.8	96.5	98.8	97.0
Limit (dB)	29.4	29.6	29.4	29.5



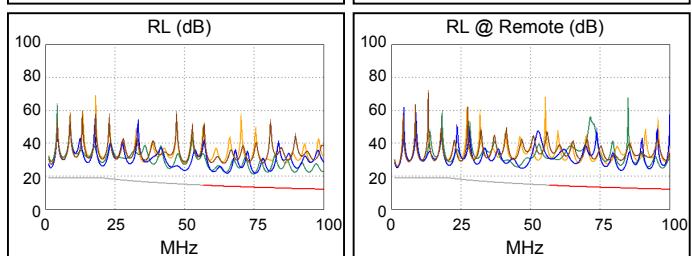
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
ACR-F (dB)	20.8	20.8	21.6	21.5
Freq. (MHz)	6.1	4.6	99.8	99.8
Limit (dB)	42.9	45.3	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	19.8	19.9	22.3	22.3
Freq. (MHz)	1.0	1.0	99.8	100.0
Limit (dB)	55.6	55.6	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-78	36-45	36-45
ACR-N (dB)	21.4	21.4	29.9	32.8
Freq. (MHz)	8.1	12.1	98.0	96.5
Limit (dB)	44.4	40.3	11.7	12.0
Worst Pair	45	36	36	45
PS ACR-N (dB)	22.1	22.8	31.1	33.3
Freq. (MHz)	8.8	6.3	98.8	97.0
Limit (dB)	40.6	43.9	8.6	8.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	36	45
RL (dB)	7.8	10.6	8.0	10.6
Freq. (MHz)	65.3	82.3	74.5	82.3
Limit (dB)	13.9	12.9	13.3	12.9



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/126

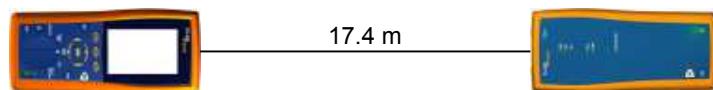
Date / Time: 30/05/2018 12:10:57 PM
Headroom 10.7 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

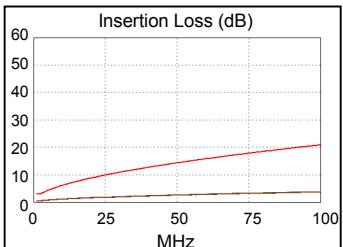
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	17.4
Prop. Delay (ns), Limit 498	[Pair 12]	87
Delay Skew (ns), Limit 44	[Pair 12]	3
Resistance (ohms)	[Pair 78]	3.5
Insertion Loss Margin (dB)	[Pair 36]	17.1
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

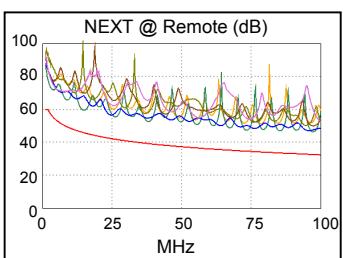
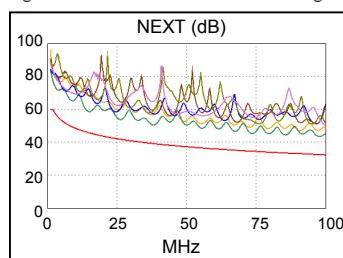

**Wire Map (T568B)
PASS**

1 2 3 6
 4 5 7 8
 S S

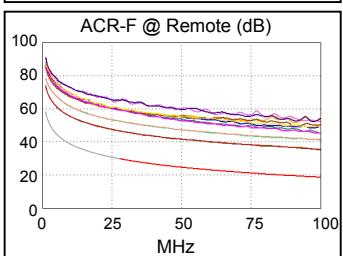
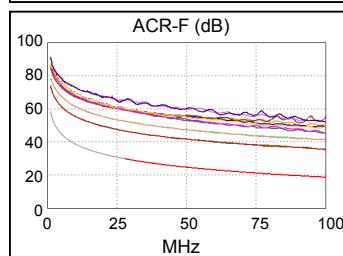


Worst Case Margin Worst Case Value

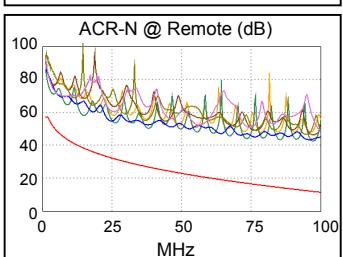
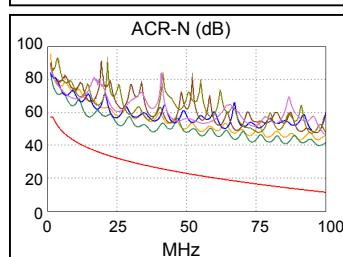
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	10.7	12.8	11.0	13.8
Freq. (MHz)	73.3	73.3	97.5	97.0
Limit (dB)	34.5	34.5	32.5	32.5
Worst Pair	12	12	12	12
PS NEXT (dB)	12.1	13.0	12.1	13.7
Freq. (MHz)	73.3	72.8	97.3	97.0
Limit (dB)	31.5	31.6	29.5	29.5



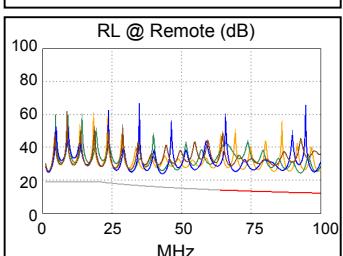
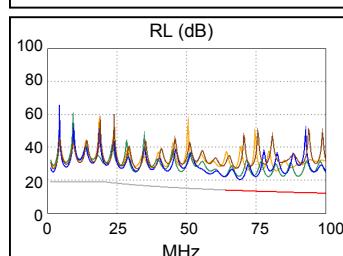
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	16.2	16.3	16.7	16.6
Freq. (MHz)	2.8	2.8	99.3	98.3
Limit (dB)	49.8	49.8	18.7	18.8
Worst Pair	45	45	45	45
PS ACR-F (dB)	17.2	17.2	18.4	18.4
Freq. (MHz)	1.0	1.0	99.3	98.0
Limit (dB)	55.6	55.6	15.7	15.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
ACR-N (dB)	18.8	19.0	28.0	30.7
Freq. (MHz)	2.6	2.8	97.5	97.0
Limit (dB)	54.4	54.0	11.8	11.9
Worst Pair	12	45	12	12
PS ACR-N (dB)	20.2	20.0	29.0	30.5
Freq. (MHz)	2.3	2.9	97.3	97.0
Limit (dB)	52.7	50.7	8.8	8.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	36
RL (dB)	6.8	11.6	6.8	12.0
Freq. (MHz)	69.0	69.3	69.0	92.5
Limit (dB)	13.6	13.6	13.6	12.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/127

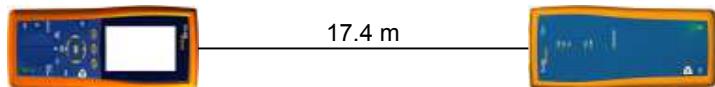
Date / Time: 30/05/2018 12:11:13 PM
Headroom 12.7 dB (**NEXT** 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

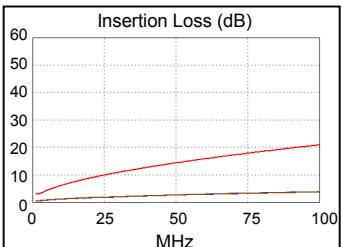
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	17.4
Prop. Delay (ns), Limit 498	[Pair 12]	87
Delay Skew (ns), Limit 44	[Pair 12]	3
Resistance (ohms)	[Pair 12]	3.4
Insertion Loss Margin (dB)	[Pair 12]	17.1
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

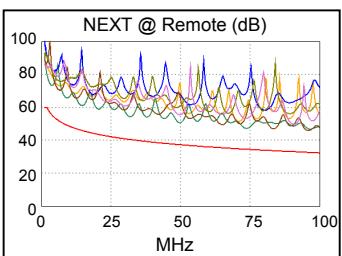
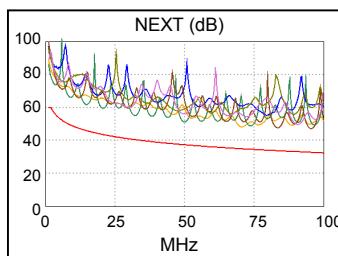

Wire Map (T568B)
PASS

1
2
3
6
4
5
7
8
S
S

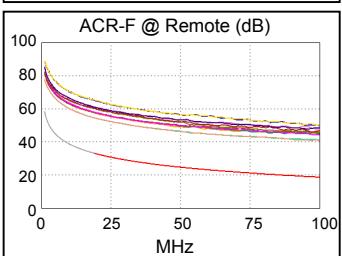
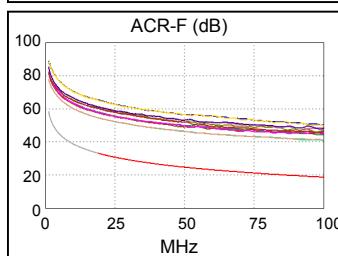


Worst Case Margin Worst Case Value

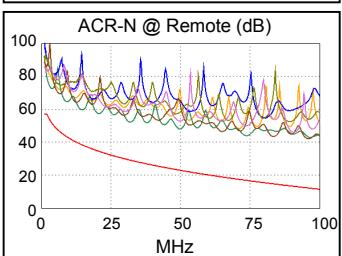
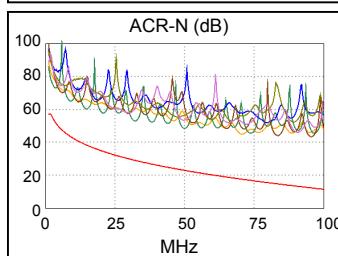
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-45	36-45	36-45
NEXT (dB)	13.3	12.7	14.4	13.3
Freq. (MHz)	70.3	73.5	95.3	95.5
Limit (dB)	34.8	34.5	32.7	32.6
Worst Pair	36	45	45	45
PS NEXT (dB)	14.6	13.3	15.2	13.3
Freq. (MHz)	70.8	96.5	95.8	96.5
Limit (dB)	31.8	29.6	29.6	29.6



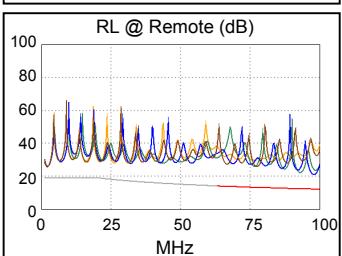
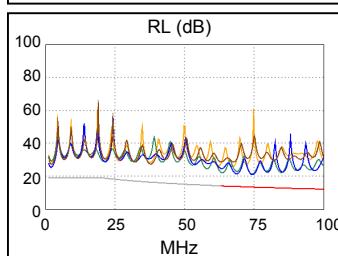
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	78-45
ACR-F (dB)	21.3	21.3	22.2	22.2
Freq. (MHz)	10.4	10.4	100.0	100.0
Limit (dB)	38.3	38.3	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	19.9	19.9	22.8	22.8
Freq. (MHz)	1.0	1.0	96.5	99.0
Limit (dB)	55.6	55.6	15.9	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-45	36-45
ACR-N (dB)	20.3	20.4	31.2	30.0
Freq. (MHz)	2.9	2.9	95.3	95.8
Limit (dB)	53.7	53.7	12.2	12.1
Worst Pair	12	12	45	45
PS ACR-N (dB)	21.8	22.2	31.9	30.1
Freq. (MHz)	2.9	2.9	95.8	96.5
Limit (dB)	50.7	50.7	9.1	9.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	7.6	8.9	7.6	8.9
Freq. (MHz)	74.3	97.8	74.3	97.8
Limit (dB)	13.3	12.1	13.3	12.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/128

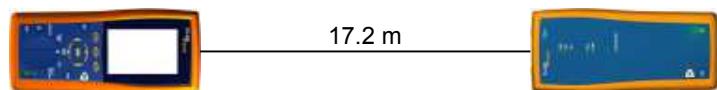
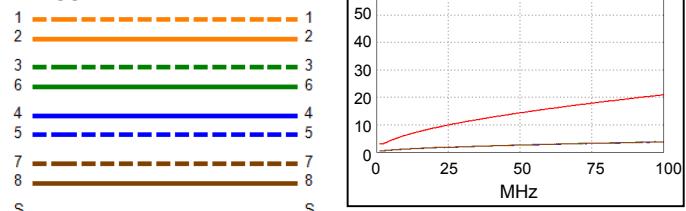
Date / Time: 30/05/2018 12:11:30 PM
Headroom 10.8 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

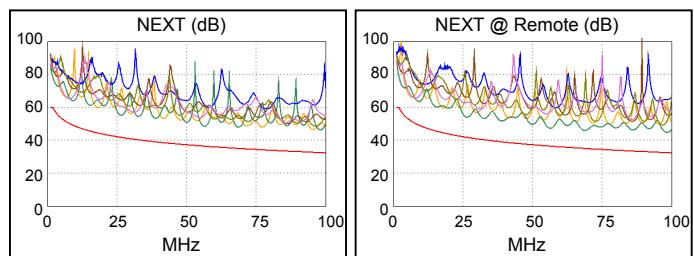
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	17.2
Prop. Delay (ns), Limit 498	[Pair 12]	86
Delay Skew (ns), Limit 44	[Pair 12]	3
Resistance (ohms)	[Pair 36]	3.4
Insertion Loss Margin (dB)	[Pair 36]	16.7
Frequency (MHz)	[Pair 36]	97.0
Limit (dB)	[Pair 36]	20.6

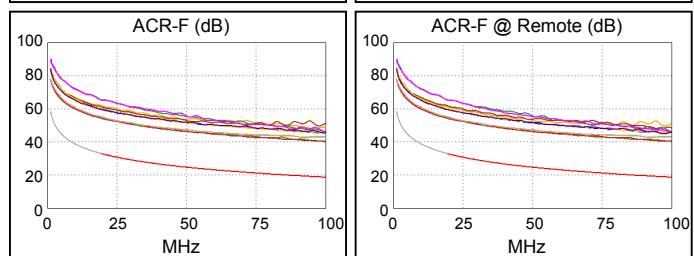

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

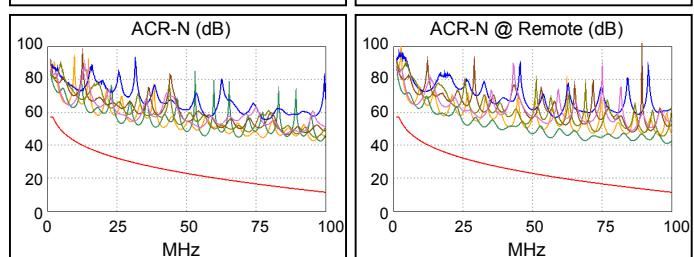
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	12.1	10.8	13.9	12.4
Freq. (MHz)	56.3	56.3	98.3	98.0
Limit (dB)	36.4	36.4	32.4	32.4
Worst Pair	45	45	36	45
PS NEXT (dB)	14.0	13.2	14.5	14.8
Freq. (MHz)	56.3	68.5	95.5	98.3
Limit (dB)	33.4	32.0	29.6	29.4



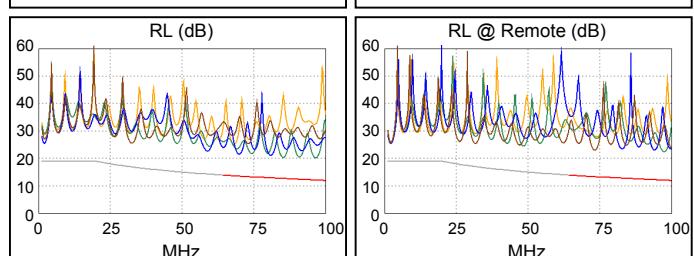
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	20.8	20.8	21.5	21.5
Freq. (MHz)	4.6	4.6	99.8	100.0
Limit (dB)	45.3	45.3	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	19.2	19.5	22.2	21.9
Freq. (MHz)	1.0	1.0	100.0	99.8
Limit (dB)	55.6	55.6	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-45	12-45
ACR-N (dB)	18.7	18.6	30.9	29.4
Freq. (MHz)	5.8	5.9	98.3	98.0
Limit (dB)	47.6	47.4	11.7	11.7
Worst Pair	45	45	36	45
PS ACR-N (dB)	19.5	19.3	31.1	31.8
Freq. (MHz)	7.6	7.6	95.5	98.3
Limit (dB)	42.0	42.0	9.2	8.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	36
RL (dB)	7.6	9.7	8.0	10.4
Freq. (MHz)	85.3	73.0	96.5	97.3
Limit (dB)	12.7	13.4	12.2	12.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/129

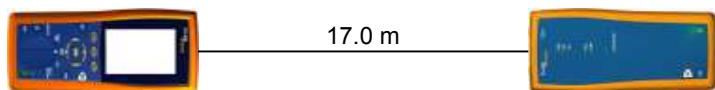
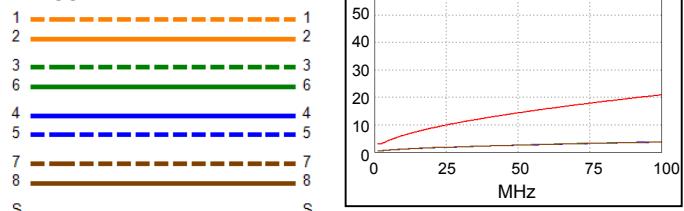
Date / Time: 30/05/2018 12:11:45 PM
Headroom 13.8 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

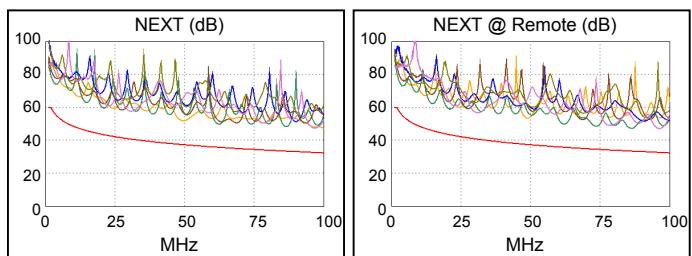
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

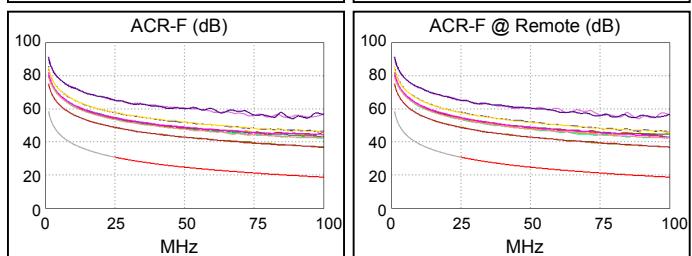
Length (m), Limit 90.0	[Pair 45]	17.0
Prop. Delay (ns), Limit 498	[Pair 12]	86
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 36]	3.4
Insertion Loss Margin (dB)	[Pair 12]	17.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0


Wire Map (T568B) PASS

Worst Case Margin Worst Case Value

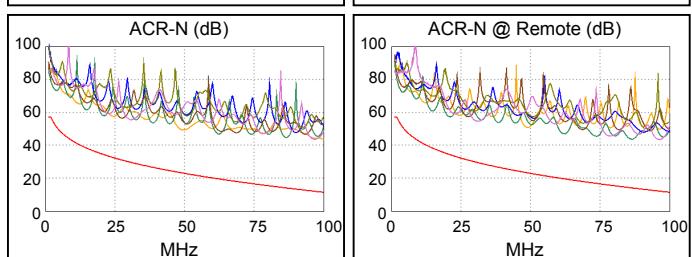
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-36	45-78
NEXT (dB)	14.0	13.8	14.9	14.5
Freq. (MHz)	62.3	86.3	100.0	96.3
Limit (dB)	35.7	33.4	32.3	32.6
Worst Pair	45	45	45	45
PS NEXT (dB)	14.9	14.9	15.8	15.6
Freq. (MHz)	62.3	80.3	97.3	97.0
Limit (dB)	32.7	30.9	29.5	29.5



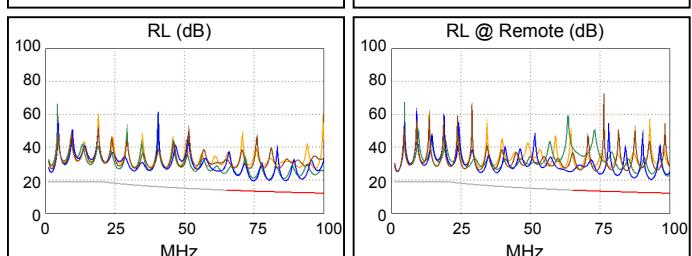
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	17.4	17.4	18.1	18.2
Freq. (MHz)	3.1	3.3	99.8	99.8
Limit (dB)	48.7	48.4	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	17.4	17.5	19.3	19.5
Freq. (MHz)	1.0	1.0	99.5	100.0
Limit (dB)	55.6	55.6	15.7	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-36	45-78
ACR-N (dB)	21.0	20.8	32.1	31.4
Freq. (MHz)	3.0	3.3	100.0	96.3
Limit (dB)	53.3	52.6	11.3	12.0
Worst Pair	45	45	45	45
PS ACR-N (dB)	22.1	22.0	32.8	32.5
Freq. (MHz)	3.0	3.6	97.3	97.0
Limit (dB)	50.3	48.7	8.8	8.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	6.2	8.2	6.2	8.2
Freq. (MHz)	74.5	93.0	74.5	93.0
Limit (dB)	13.3	12.3	13.3	12.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/130

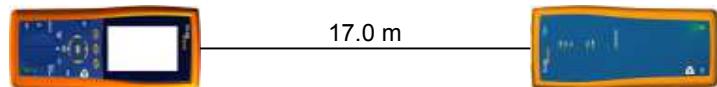
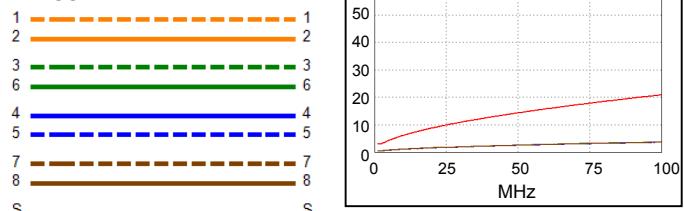
Date / Time: 30/05/2018 12:12:08 PM
Headroom 12.7 dB (**NEXT 12-45**)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

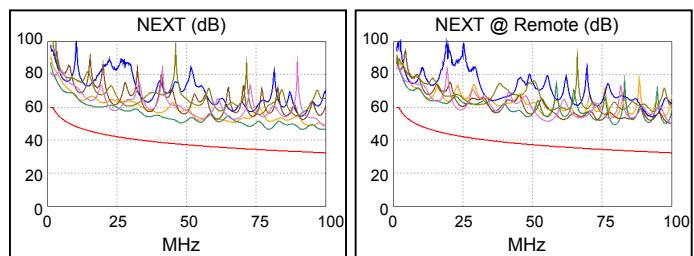
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	17.0
Prop. Delay (ns), Limit 498	[Pair 12]	85
Delay Skew (ns), Limit 44	[Pair 12]	3
Resistance (ohms)	[Pair 45]	3.3
Insertion Loss Margin (dB)	[Pair 12]	17.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

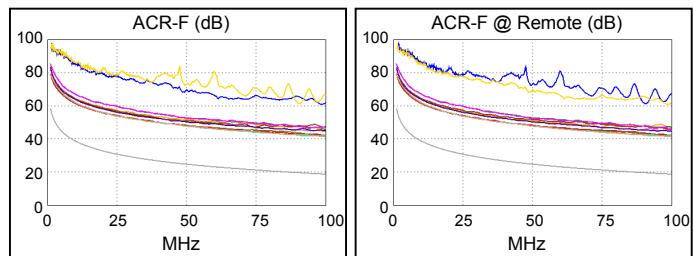

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

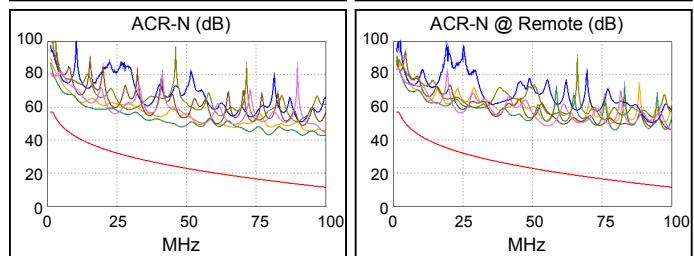
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-78	12-45	12-45
NEXT (dB)	12.7	15.0	12.7	15.6
Freq. (MHz)	79.3	55.0	79.5	79.5
Limit (dB)	34.0	36.6	33.9	33.9
Worst Pair	12	45	45	45
PS NEXT (dB)	14.4	15.8	15.0	17.0
Freq. (MHz)	79.3	55.0	99.5	98.8
Limit (dB)	31.0	33.6	29.3	29.4



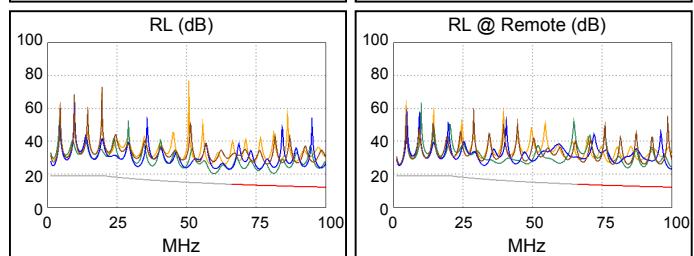
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-78	78-45
ACR-F (dB)	22.5	22.5	22.8	22.8
Freq. (MHz)	5.8	5.6	98.5	98.5
Limit (dB)	43.4	43.6	18.7	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	20.3	20.2	22.4	22.4
Freq. (MHz)	1.0	1.0	98.0	99.3
Limit (dB)	55.6	55.6	15.8	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
ACR-N (dB)	21.3	22.1	31.2	30.8
Freq. (MHz)	5.5	5.8	98.3	79.5
Limit (dB)	48.0	47.6	11.7	15.4
Worst Pair	12	12	45	45
PS ACR-N (dB)	22.1	22.9	32.2	34.1
Freq. (MHz)	12.8	5.6	99.5	98.8
Limit (dB)	36.8	44.8	8.4	8.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	45
RL (dB)	7.5	11.0	7.5	11.2
Freq. (MHz)	81.3	84.0	81.3	99.5
Limit (dB)	12.9	12.8	12.9	12.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/131

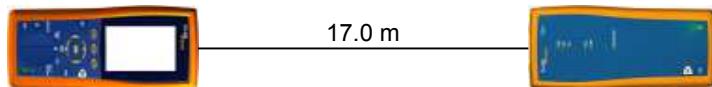
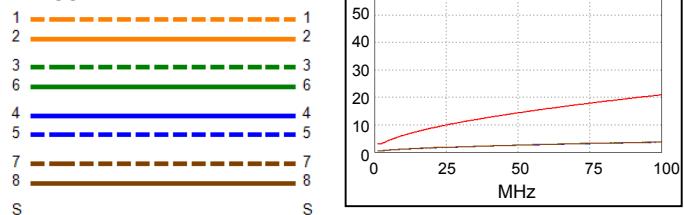
Date / Time: 30/05/2018 12:12:26 PM
Headroom 13.8 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

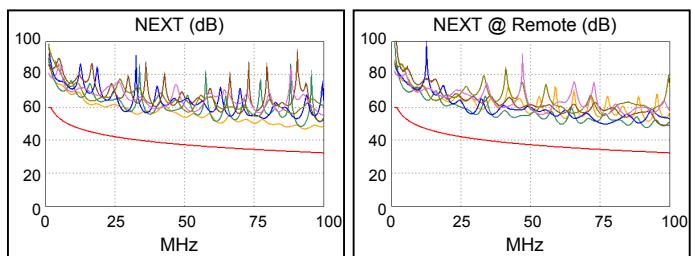
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	17.0
Prop. Delay (ns), Limit 498	[Pair 12]	85
Delay Skew (ns), Limit 44	[Pair 12]	3
Resistance (ohms)	[Pair 12]	3.3
Insertion Loss Margin (dB)	[Pair 12]	17.2
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

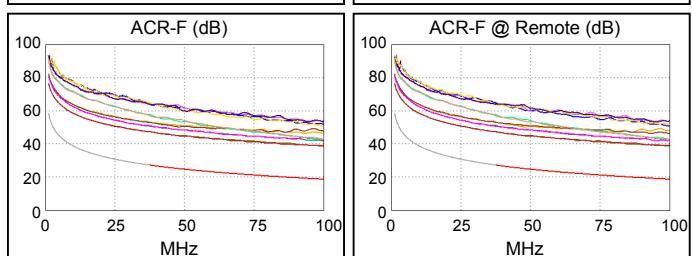

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

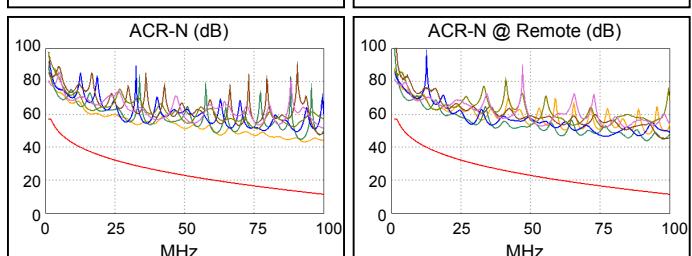
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-45	12-36	12-45
NEXT (dB)	14.0	13.8	14.0	14.7
Freq. (MHz)	93.0	60.8	93.0	91.5
Limit (dB)	32.8	35.9	32.8	32.9
Worst Pair	12	12	12	12
PS NEXT (dB)	14.6	14.9	14.6	15.7
Freq. (MHz)	92.0	29.0	92.0	91.5
Limit (dB)	29.9	38.1	29.9	29.9



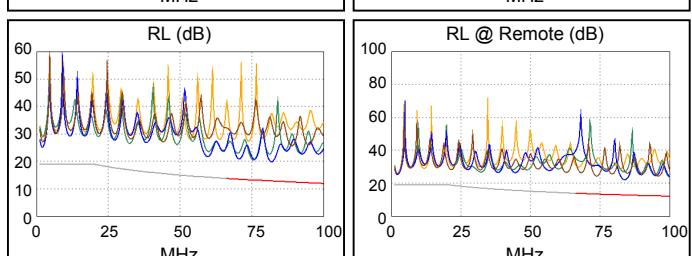
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	19.4	19.4	20.0	20.1
Freq. (MHz)	4.0	4.0	99.0	99.0
Limit (dB)	46.6	46.6	18.7	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	19.7	19.8	20.5	20.5
Freq. (MHz)	1.0	1.0	100.0	99.0
Limit (dB)	55.6	55.6	15.6	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	12-45	12-36	12-45
ACR-N (dB)	20.9	20.6	30.5	31.0
Freq. (MHz)	1.9	4.4	93.0	91.5
Limit (dB)	57.0	50.1	12.7	13.0
Worst Pair	12	12	12	12
PS ACR-N (dB)	21.3	21.3	31.0	32.0
Freq. (MHz)	3.8	4.0	92.0	91.5
Limit (dB)	48.4	47.9	9.9	10.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	7.0	9.3	7.0	9.3
Freq. (MHz)	81.8	83.5	81.8	83.5
Limit (dB)	12.9	12.8	12.9	12.8



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/132

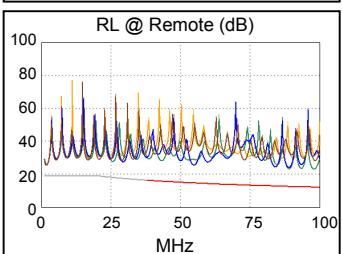
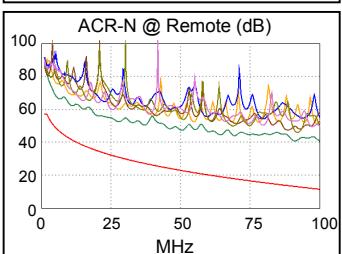
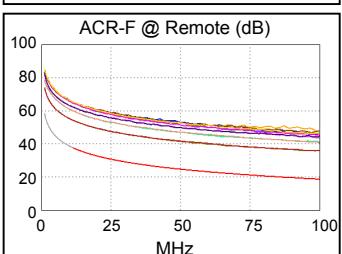
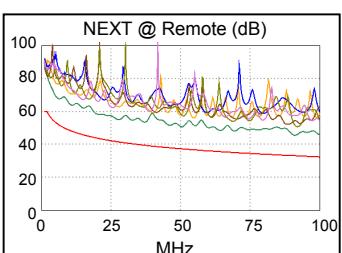
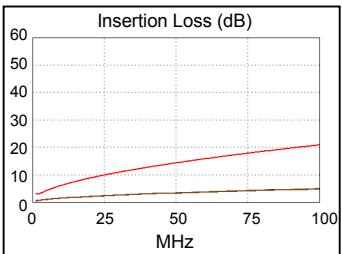
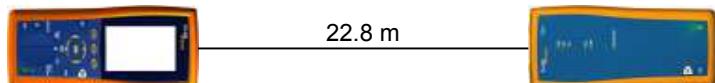
Date / Time: 30/05/2018 12:13:53 PM
Headroom 12.4 dB (**NEXT 12-45**)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	22.8
Prop. Delay (ns), Limit 498	[Pair 12]	114
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 36]	4.5
Insertion Loss Margin (dB)	[Pair 12]	16.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



ACR-F @ Remote (dB)

ACR-N (dB)

ACR-N @ Remote (dB)



RL (dB)

RL @ Remote (dB)

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-45	36-78	12-45
NEXT (dB)	15.3	12.4	16.6	12.4
Freq. (MHz)	63.8	91.0	91.3	91.0
Limit (dB)	35.5	33.0	33.0	33.0
Worst Pair	12	45	36	45
PS NEXT (dB)	15.9	14.7	17.3	14.7
Freq. (MHz)	64.3	91.0	91.8	91.0
Limit (dB)	32.5	30.0	29.9	30.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	45-36	45-36
ACR-F (dB)	16.2	16.2	16.8	16.9
Freq. (MHz)	3.0	2.9	96.3	98.3
Limit (dB)	49.1	49.4	18.9	18.8
Worst Pair	45	45	45	45
PS ACR-F (dB)	16.9	17.1	18.7	18.4
Freq. (MHz)	1.0	1.0	98.5	96.3
Limit (dB)	55.6	55.6	15.7	15.9

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-78	12-45
ACR-N (dB)	20.4	19.3	32.0	27.6
Freq. (MHz)	5.1	5.4	91.8	91.0
Limit (dB)	48.7	48.2	12.9	13.1
Worst Pair	12	12	36	45
PS ACR-N (dB)	22.4	21.7	32.5	29.9
Freq. (MHz)	5.0	5.1	91.8	91.0
Limit (dB)	45.9	45.7	9.9	10.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	7.6	10.7	7.6	10.9
Freq. (MHz)	83.0	89.0	83.0	97.8
Limit (dB)	12.8	12.5	12.8	12.1

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/133

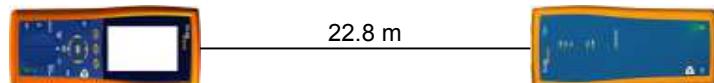
Date / Time: 30/05/2018 12:14:08 PM
Headroom 14.8 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

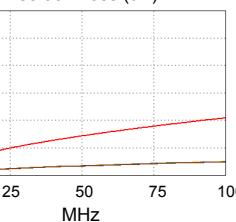
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

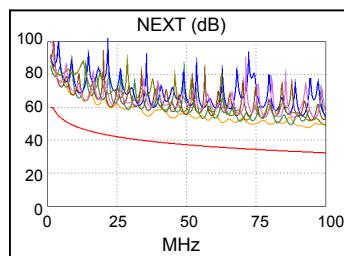
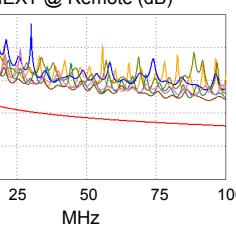
Length (m), Limit 90.0	[Pair 36]	22.8
Prop. Delay (ns), Limit 498	[Pair 12]	114
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 12]	4.4
Insertion Loss Margin (dB)	[Pair 12]	16.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0


Wire Map (T568B)
PASS

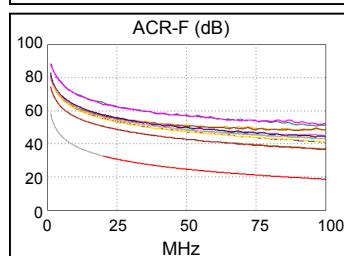
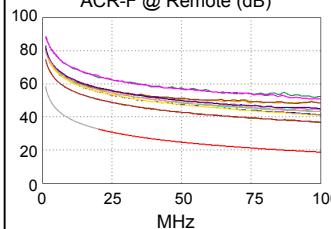
1
2
3
6
4
5
7
8
S
S

Insertion Loss (dB)

Worst Case Margin Worst Case Value

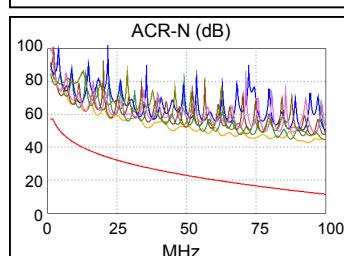
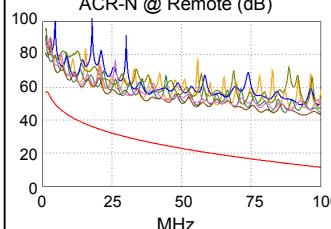
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	14.8	15.1	14.8	15.1
Freq. (MHz)	93.5	78.3	93.5	93.5
Limit (dB)	32.8	34.1	32.8	32.8
Worst Pair	36	45	36	45
PS NEXT (dB)	15.8	14.6	15.8	15.9
Freq. (MHz)	72.3	55.0	94.0	100.0
Limit (dB)	31.6	33.6	29.7	29.3


NEXT @ Remote (dB)


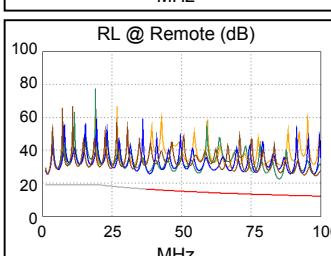
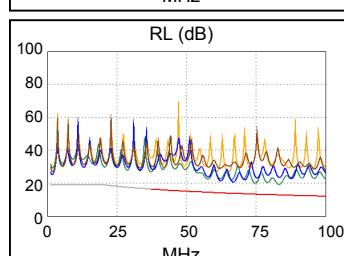
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	17.3	17.2	17.9	17.9
Freq. (MHz)	4.9	4.9	97.5	97.8
Limit (dB)	44.9	44.9	18.8	18.8
Worst Pair	36	36	36	45
PS ACR-F (dB)	17.8	17.7	20.0	19.9
Freq. (MHz)	1.0	1.0	97.5	97.5
Limit (dB)	55.6	55.6	15.8	15.8


ACR-F @ Remote (dB)


N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-36	36-45
ACR-N (dB)	22.0	20.5	30.2	30.5
Freq. (MHz)	4.3	4.9	93.5	93.5
Limit (dB)	50.3	49.1	12.6	12.6
Worst Pair	36	45	36	45
PS ACR-N (dB)	22.5	21.5	32.1	32.0
Freq. (MHz)	4.3	5.1	99.5	100.0
Limit (dB)	47.3	45.7	8.4	8.3


ACR-N @ Remote (dB)


PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	36
RL (dB)	6.3	9.4	6.3	9.8
Freq. (MHz)	83.3	38.5	83.3	85.0
Limit (dB)	12.8	16.2	12.8	12.7



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/134

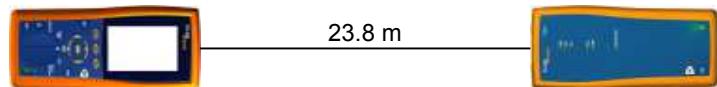
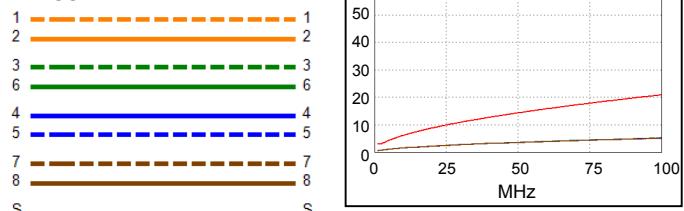
Date / Time: 30/05/2018 12:14:32 PM
Headroom 11.3 dB (**NEXT 45-78**)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

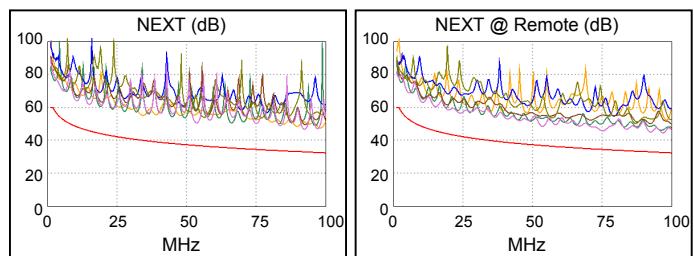
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	23.8
Prop. Delay (ns), Limit 498	[Pair 12]	120
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 36]	4.7
Insertion Loss Margin (dB)	[Pair 36]	15.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

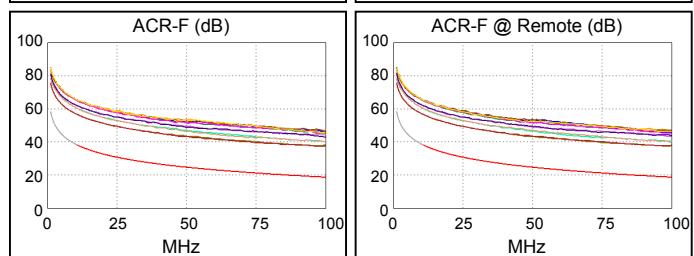

Wire Map (T568B) PASS


Worst Case Margin Worst Case Value

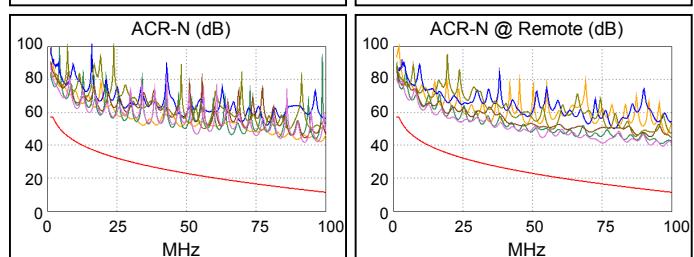
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	13.7	11.3	13.8	11.9
Freq. (MHz)	53.5	75.0	92.5	96.8
Limit (dB)	36.8	34.4	32.9	32.5
Worst Pair	45	45	45	45
PS NEXT (dB)	14.4	12.3	14.4	12.3
Freq. (MHz)	92.0	96.8	92.0	96.8
Limit (dB)	29.9	29.5	29.9	29.5



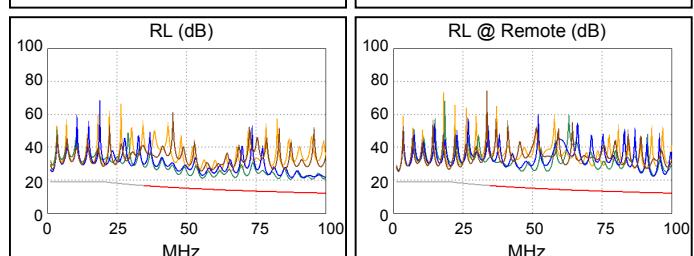
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	18.0	18.0	18.5	18.5
Freq. (MHz)	3.6	3.4	97.5	97.3
Limit (dB)	47.4	48.0	18.8	18.9
Worst Pair	45	45	45	45
PS ACR-F (dB)	18.0	18.1	19.7	19.4
Freq. (MHz)	1.0	1.0	99.8	99.3
Limit (dB)	55.6	55.6	15.6	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-78	45-78	45-78
ACR-N (dB)	20.2	19.4	29.0	27.5
Freq. (MHz)	2.3	5.0	92.5	96.8
Limit (dB)	55.7	48.9	12.8	11.9
Worst Pair	45	45	45	45
PS ACR-N (dB)	20.4	19.3	29.4	27.8
Freq. (MHz)	10.1	1.9	92.0	96.8
Limit (dB)	39.2	54.0	9.9	8.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	6.6	10.0	7.9	10.0
Freq. (MHz)	55.5	93.3	87.3	93.3
Limit (dB)	14.6	12.3	12.6	12.3



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/135

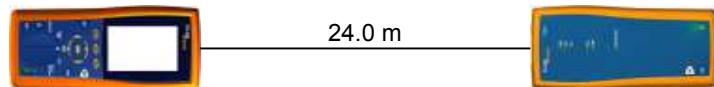
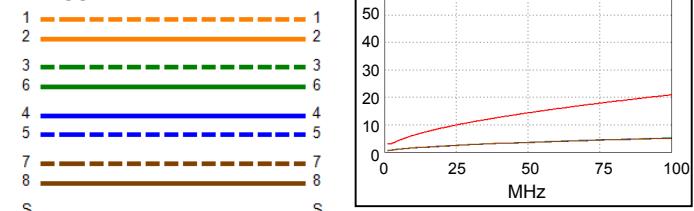
Date / Time: 30/05/2018 12:14:48 PM
Headroom 13.6 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

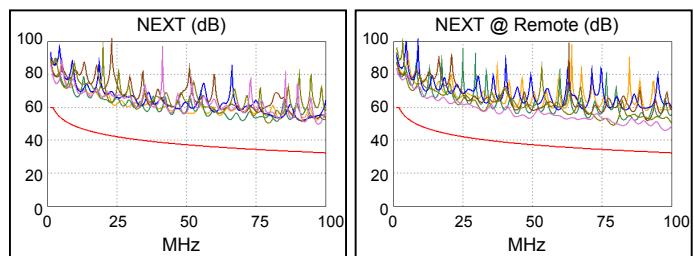
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	24.0
Prop. Delay (ns), Limit 498	[Pair 12]	120
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 36]	4.7
Insertion Loss Margin (dB)	[Pair 12]	15.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

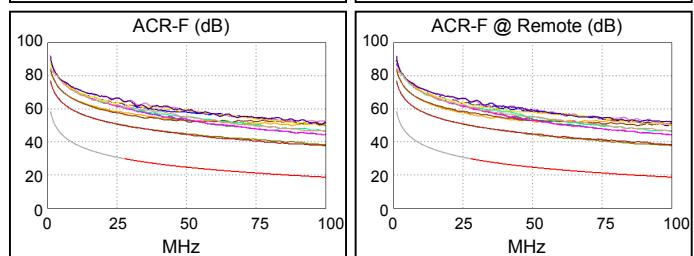

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

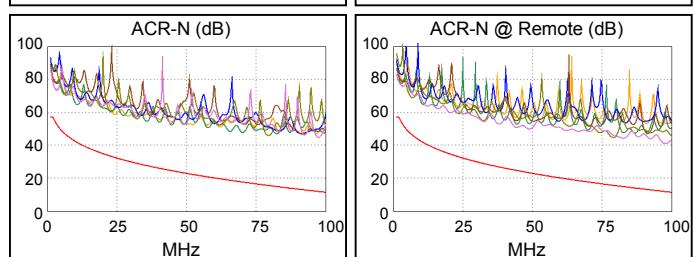
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	45-78	45-78	45-78
NEXT (dB)	16.4	13.6	17.3	13.6
Freq. (MHz)	79.3	97.3	97.3	97.3
Limit (dB)	34.0	32.5	32.5	32.5
Worst Pair	45	78	45	78
PS NEXT (dB)	17.4	15.7	17.9	15.8
Freq. (MHz)	44.5	79.0	97.5	97.3
Limit (dB)	35.1	31.0	29.5	29.5



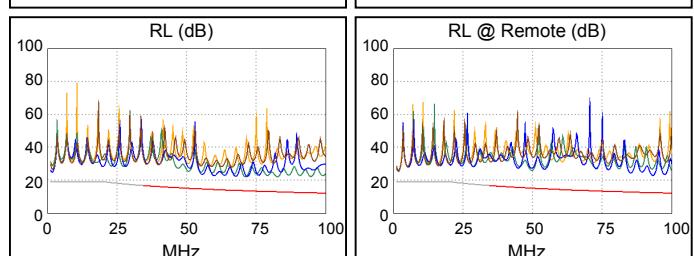
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	18.9	19.0	19.0	19.1
Freq. (MHz)	82.8	82.8	99.8	99.8
Limit (dB)	20.3	20.3	18.6	18.6
Worst Pair	36	36	45	45
PS ACR-F (dB)	20.5	20.4	21.2	20.6
Freq. (MHz)	1.3	1.1	97.5	99.5
Limit (dB)	53.7	54.6	15.8	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
ACR-N (dB)	20.0	21.6	33.0	29.3
Freq. (MHz)	2.9	1.9	97.3	97.3
Limit (dB)	53.7	57.0	11.8	11.8
Worst Pair	45	45	45	78
PS ACR-N (dB)	20.3	21.4	33.5	31.5
Freq. (MHz)	2.4	2.0	97.5	97.3
Limit (dB)	52.3	53.5	8.8	8.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	36	45
RL (dB)	8.4	10.5	8.5	10.5
Freq. (MHz)	59.8	93.3	71.0	93.3
Limit (dB)	14.2	12.3	13.5	12.3



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/136

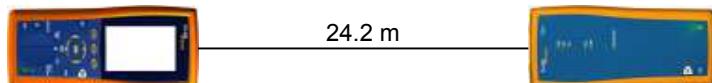
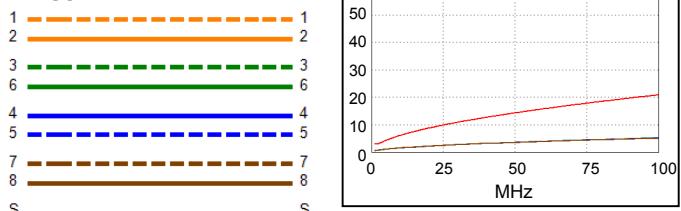
Date / Time: 30/05/2018 12:17:48 PM
Headroom 11.6 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

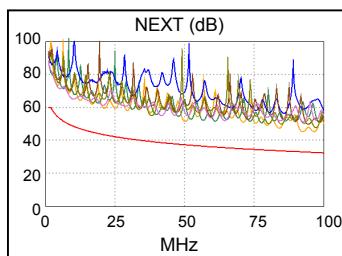
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	24.2
Prop. Delay (ns), Limit 498	[Pair 12]	121
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 12]	4.7
Insertion Loss Margin (dB)	[Pair 36]	15.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

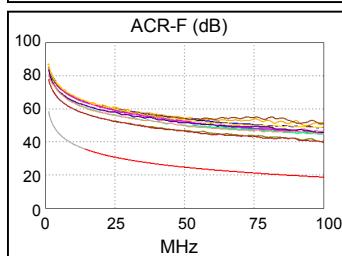

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

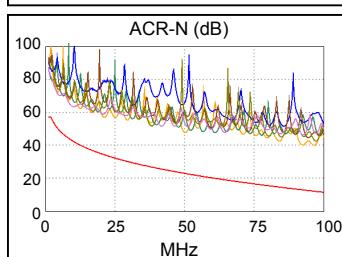
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	45-78	12-36	45-78
NEXT (dB)	12.3	11.6	12.5	11.8
Freq. (MHz)	92.3	64.3	96.5	83.5
Limit (dB)	32.9	35.5	32.6	33.6
Worst Pair	36	45	36	78
PS NEXT (dB)	13.4	12.7	13.4	13.5
Freq. (MHz)	96.5	64.5	96.5	97.8
Limit (dB)	29.6	32.4	29.6	29.5



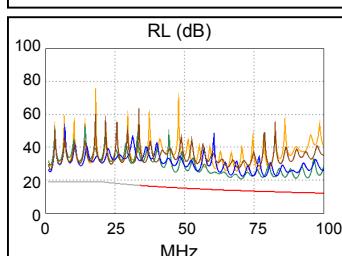
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	20.8	20.8	21.1	21.2
Freq. (MHz)	4.9	4.9	100.0	100.0
Limit (dB)	44.9	44.9	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	20.2	20.0	22.3	22.0
Freq. (MHz)	1.0	1.0	98.5	100.0
Limit (dB)	55.6	55.6	15.7	15.6



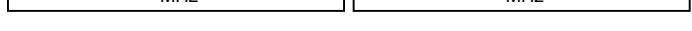
N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	45-78
ACR-N (dB)	20.9	19.1	27.9	29.0
Freq. (MHz)	4.4	9.3	96.5	100.0
Limit (dB)	50.1	43.1	12.0	11.3
Worst Pair	36	45	36	78
PS ACR-N (dB)	22.1	20.2	28.8	29.2
Freq. (MHz)	4.0	9.6	96.5	97.8
Limit (dB)	47.9	39.7	9.0	8.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	7.2	9.3	7.2	9.3
Freq. (MHz)	70.0	100.0	70.3	100.0
Limit (dB)	13.6	12.0	13.5	12.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive





Cable ID: GEN/137

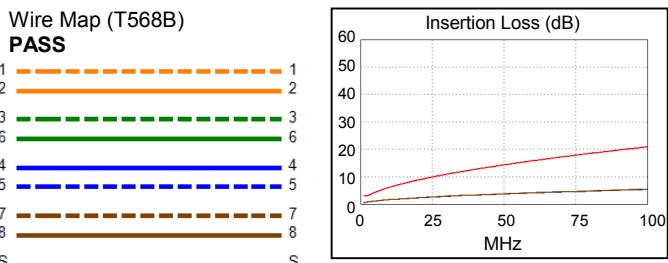
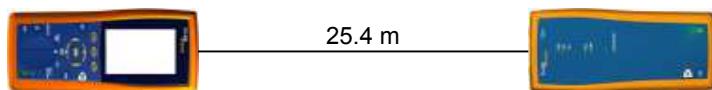
Date / Time: 30/05/2018 12:20:31 PM
Headroom 15.7 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
Cable Type: Cat 5e U/UTP
NVP: 69.0%

Operator: KEVIN GRESHAM
Software Version: 2.7800
Limits Version: 1.9500
Calibration Date:
Main (Tester): 27/05/2016
Remote (Tester): 27/05/2016

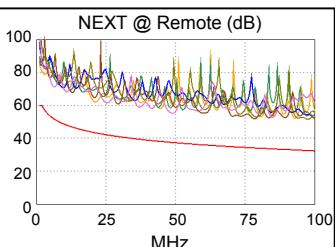
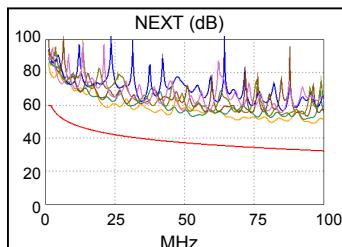
Test Summary: PASS

Model: DTX-1800
Main S/N: 9676113
Remote S/N: 9676114
Main Adapter: DTX-PLA002
Remote Adapter: DTX-PLA002

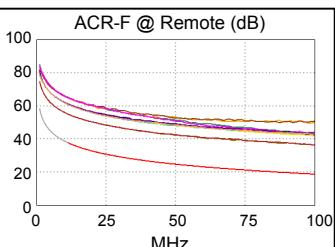
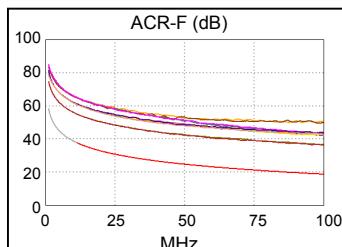
Length (m), Limit 90.0	[Pair 45]	25.4
Prop. Delay (ns), Limit 498	[Pair 12]	127
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 12]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



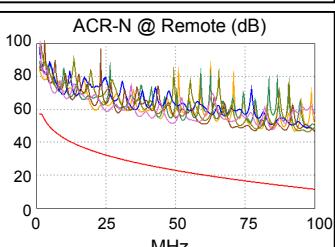
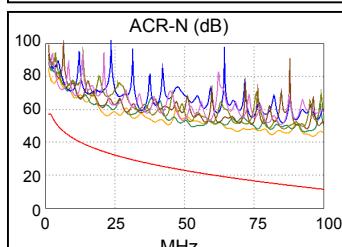
Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN
Worst Pair	12-36	36-45	12-36
NEXT (dB)	15.7	17.7	16.5
Freq. (MHz)	21.8	78.3	95.8
Limit (dB)	43.1	34.1	32.6
Worst Pair	12	36	12
PS NEXT (dB)	17.0	18.2	17.8
Freq. (MHz)	81.0	78.8	96.0
Limit (dB)	30.8	31.0	29.6
			29.8



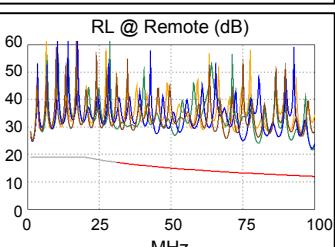
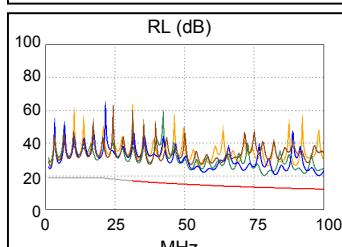
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	16.9	17.0	17.6	17.7
Freq. (MHz)	3.0	3.0	99.8	99.8
Limit (dB)	49.1	49.1	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	17.6	17.6	19.1	19.0
Freq. (MHz)	1.0	1.0	98.8	99.5
Limit (dB)	55.6	55.6	15.7	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	36-45
ACR-N (dB)	20.8	22.8	31.6	34.9
Freq. (MHz)	2.1	2.0	95.8	100.0
Limit (dB)	56.1	56.5	12.1	11.3
Worst Pair	12	12	12	36
PS ACR-N (dB)	22.8	23.9	32.9	33.6
Freq. (MHz)	2.1	1.9	96.0	93.5
Limit (dB)	53.1	54.0	9.1	9.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	45	36
RL (dB)	7.3	9.6	8.1	9.6
Freq. (MHz)	78.5	99.0	98.3	99.0
Limit (dB)	13.1	12.1	12.1	12.1



Compliant Network Standards:

10BASE-T	100BASE-TX
1000BASE-T	ATM-25
ATM-155	100VG-AnyLAN
TR-16 Active	TR-16 Passive

100BASE-T4
ATM-51
TR-4

Project: EX2
6 2 18.flw

Site: HEVITREE


Cable ID: GEN/138

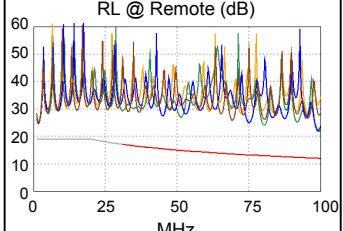
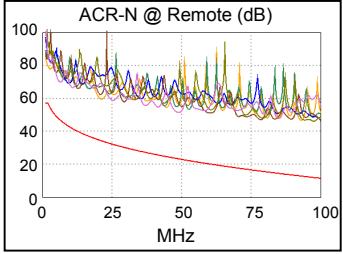
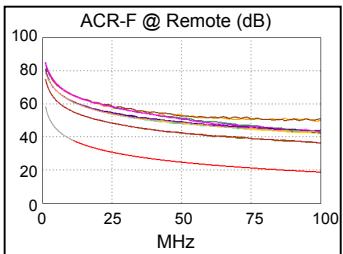
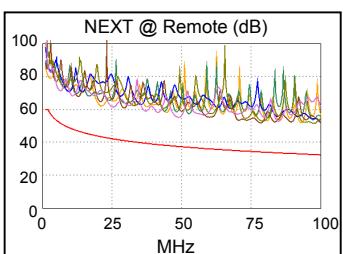
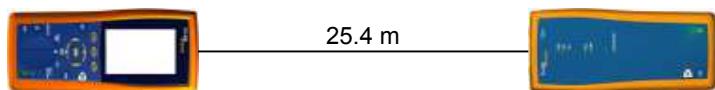
Date / Time: 30/05/2018 12:20:46 PM
Headroom 15.7 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	25.4
Prop. Delay (ns), Limit 498	[Pair 12]	127
Delay Skew (ns), Limit 44	[Pair 12]	4
Resistance (ohms)	[Pair 45]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.5
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-36	36-78
NEXT (dB)	15.7	17.7	16.4	18.9
Freq. (MHz)	21.8	78.3	96.0	97.3
Limit (dB)	43.1	34.1	32.6	32.5
Worst Pair	12	36	12	36
PS NEXT (dB)	17.0	18.1	17.7	18.7
Freq. (MHz)	81.0	78.8	96.0	93.5
Limit (dB)	30.8	31.0	29.6	29.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	16.9	17.0	17.5	17.6
Freq. (MHz)	3.0	3.0	99.5	99.0
Limit (dB)	49.1	49.1	18.7	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	17.5	17.7	19.1	19.0
Freq. (MHz)	1.0	1.0	98.8	99.5
Limit (dB)	55.6	55.6	15.7	15.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	36-78
ACR-N (dB)	20.9	22.6	31.5	34.3
Freq. (MHz)	2.3	2.1	96.0	97.3
Limit (dB)	55.7	56.1	12.1	11.8
Worst Pair	12	12	12	36
PS ACR-N (dB)	22.8	23.7	32.8	33.5
Freq. (MHz)	1.9	2.1	96.0	93.5
Limit (dB)	54.0	53.1	9.1	9.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	45	36
RL (dB)	7.3	9.7	8.1	9.7
Freq. (MHz)	78.5	99.0	98.3	99.3
Limit (dB)	13.1	12.1	12.1	12.0

Compliant Network Standards:

10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/139

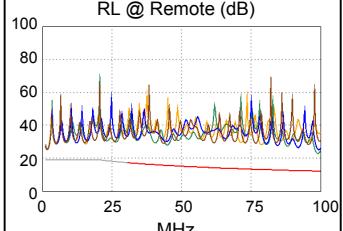
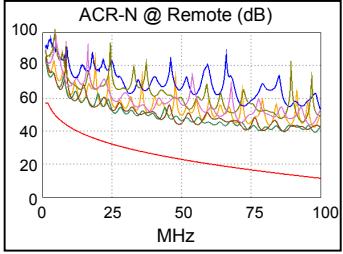
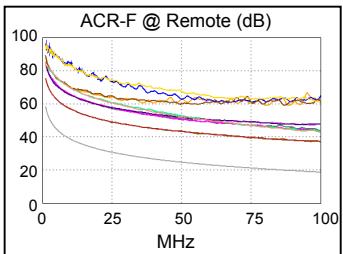
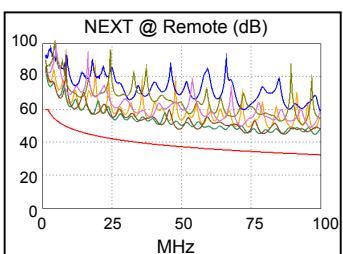
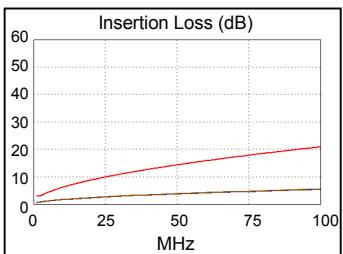
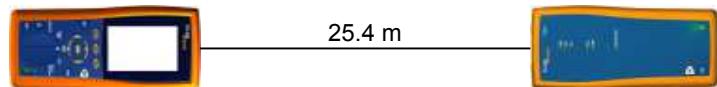
Date / Time: 30/05/2018 12:21:09 PM
Headroom 10.5 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	25.4
Prop. Delay (ns), Limit 498	[Pair 12]	128
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.0
Insertion Loss Margin (dB)	[Pair 12]	15.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-36	12-45
NEXT (dB)	12.7	10.5	12.9	12.3
Freq. (MHz)	69.8	49.0	94.5	97.8
Limit (dB)	34.9	37.4	32.7	32.5
Worst Pair	36	45	36	45
PS NEXT (dB)	13.3	10.9	14.3	11.7
Freq. (MHz)	73.8	73.3	94.5	86.5
Limit (dB)	31.5	31.5	29.7	30.3
	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	17.9	17.9	18.5	18.2
Freq. (MHz)	3.4	3.4	99.8	96.5
Limit (dB)	48.0	48.0	18.6	18.9
Worst Pair	45	45	45	45
PS ACR-F (dB)	19.2	19.1	19.8	19.9
Freq. (MHz)	1.0	1.0	99.8	100.0
Limit (dB)	55.6	55.6	15.6	15.6
	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-45	12-36	12-45
ACR-N (dB)	18.6	17.4	27.8	27.7
Freq. (MHz)	13.9	9.6	94.5	97.8
Limit (dB)	38.9	42.7	12.4	11.7
Worst Pair	45	45	36	45
PS ACR-N (dB)	18.7	17.7	29.2	25.9
Freq. (MHz)	10.0	10.1	94.5	86.5
Limit (dB)	39.3	39.2	9.4	11.0
	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	8.0	10.7	8.0	10.7
Freq. (MHz)	97.5	98.8	97.5	98.8
Limit (dB)	12.1	12.1	12.1	12.1

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/140

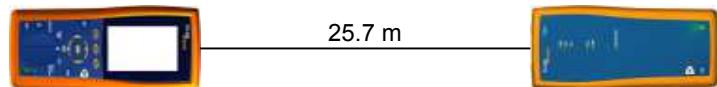
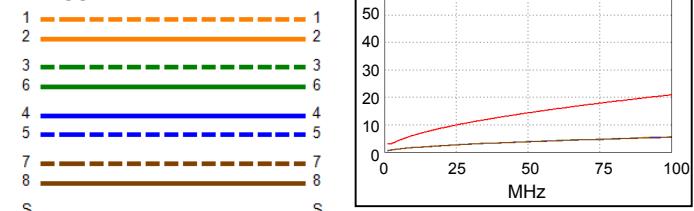
Date / Time: 30/05/2018 12:21:35 PM
Headroom 14.3 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

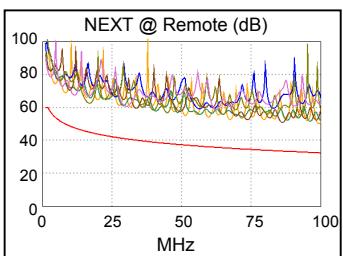
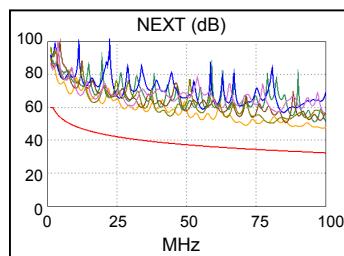
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	25.7
Prop. Delay (ns), Limit 498	[Pair 12]	129
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 78]	5.1
Insertion Loss Margin (dB)	[Pair 12]	15.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

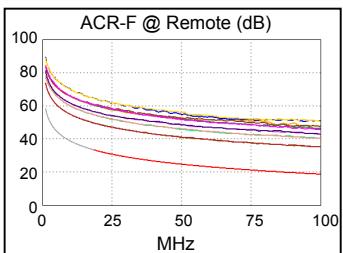
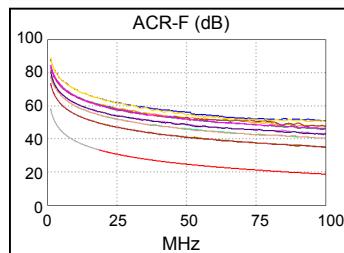

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

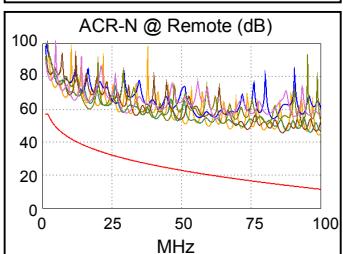
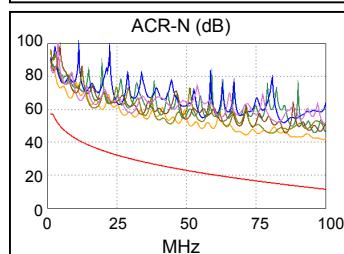
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	14.3	17.4	14.8	17.6
Freq. (MHz)	71.3	67.5	99.0	99.3
Limit (dB)	34.7	35.1	32.4	32.4
Worst Pair	36	12	36	12
PS NEXT (dB)	16.3	18.7	16.4	18.9
Freq. (MHz)	86.3	55.8	98.5	99.5
Limit (dB)	30.4	33.5	29.4	29.3



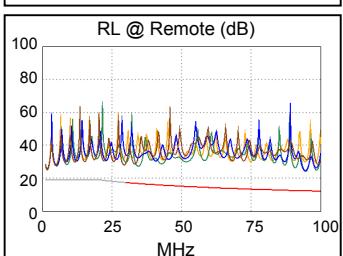
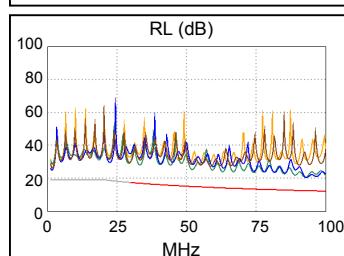
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	15.8	15.8	16.3	16.4
Freq. (MHz)	2.6	2.6	98.5	98.5
Limit (dB)	50.2	50.2	18.7	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	16.6	16.5	18.1	18.0
Freq. (MHz)	1.0	1.0	99.0	98.5
Limit (dB)	55.6	55.6	15.7	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR-N (dB)	22.3	22.9	30.1	32.9
Freq. (MHz)	7.6	7.9	99.0	99.3
Limit (dB)	45.0	44.7	11.5	11.5
Worst Pair	36	45	36	12
PS ACR-N (dB)	24.4	23.4	31.6	34.2
Freq. (MHz)	15.8	2.3	98.5	99.5
Limit (dB)	34.5	52.7	8.6	8.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	8.0	10.4	8.0	11.8
Freq. (MHz)	92.5	34.3	92.5	94.5
Limit (dB)	12.3	16.7	12.3	12.3



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/141

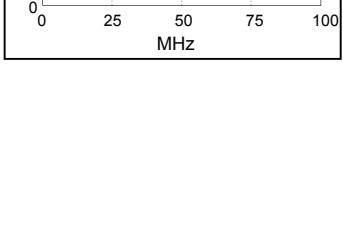
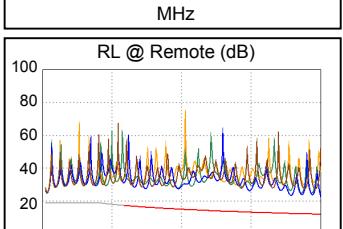
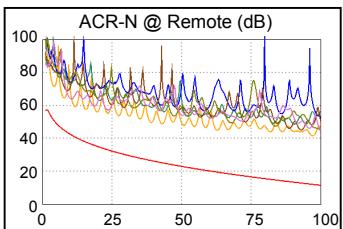
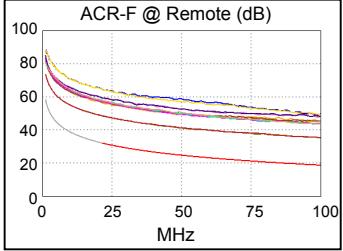
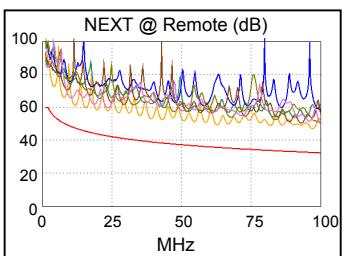
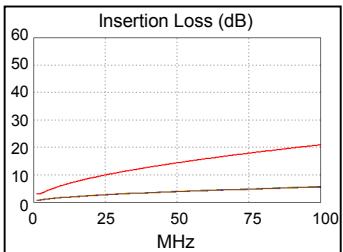
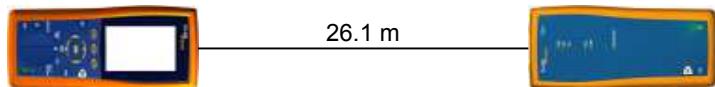
Date / Time: 30/05/2018 12:21:59 PM
Headroom 12.1 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	26.1
Prop. Delay (ns), Limit 498	[Pair 12]	131
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.1
Insertion Loss Margin (dB)	[Pair 12]	15.3
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



ACR-N @ Remote (dB)

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	12.1	13.7	14.0	14.5
Freq. (MHz)	62.5	62.5	86.0	97.0
Limit (dB)	35.7	35.7	33.4	32.5
Worst Pair	36	36	12	36
PS NEXT (dB)	14.6	15.7	16.6	15.7
Freq. (MHz)	62.5	97.0	86.0	97.0
Limit (dB)	32.7	29.5	30.4	29.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	45-36
ACR-F (dB)	15.9	15.9	16.6	16.6
Freq. (MHz)	2.8	3.0	98.5	99.5
Limit (dB)	49.8	49.1	18.7	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	17.1	17.1	18.6	18.5
Freq. (MHz)	1.0	1.0	99.5	98.5
Limit (dB)	55.6	55.6	15.7	15.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR-N (dB)	18.1	18.5	28.1	29.5
Freq. (MHz)	11.4	11.5	86.0	97.0
Limit (dB)	41.0	40.9	14.1	11.9
Worst Pair	12	12	12	36
PS ACR-N (dB)	20.8	21.3	30.6	30.7
Freq. (MHz)	11.4	11.4	86.0	97.0
Limit (dB)	38.0	38.0	11.1	8.9

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	8.2	10.6	8.2	10.6
Freq. (MHz)	91.0	100.0	91.0	100.0
Limit (dB)	12.4	12.0	12.4	12.0

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/142

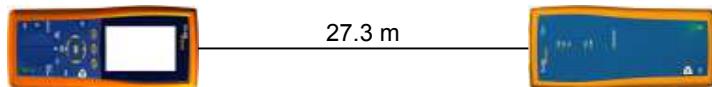
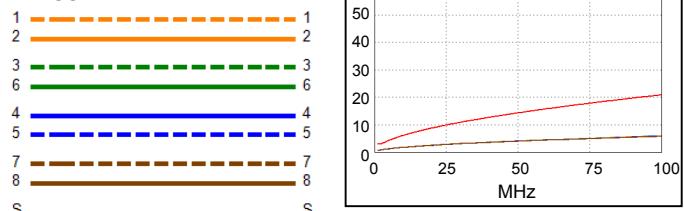
Date / Time: 30/05/2018 12:22:16 PM
Headroom 13.1 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

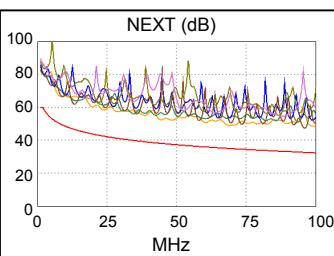
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	27.3
Prop. Delay (ns), Limit 498	[Pair 12]	137
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.3
Insertion Loss Margin (dB)	[Pair 12]	15.1
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0


**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	36-45	36-45
NEXT (dB)	13.9	13.1	14.7	13.1
Freq. (MHz)	68.5	80.5	96.0	100.0
Limit (dB)	35.0	33.9	32.6	32.3
Worst Pair	12	36	36	36
PS NEXT (dB)	14.6	15.2	16.7	15.6
Freq. (MHz)	68.8	79.8	100.0	100.0
Limit (dB)	32.0	30.9	29.3	29.3



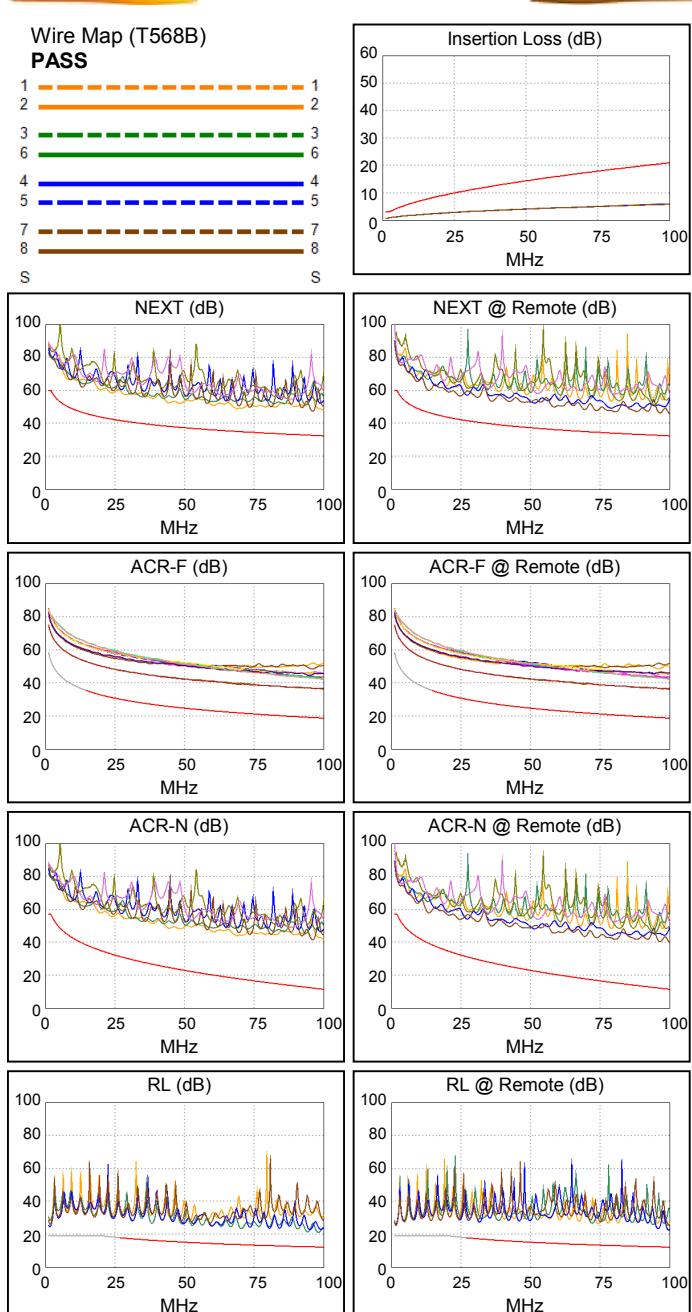
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	17.1	17.1	17.3	17.3
Freq. (MHz)	3.3	3.3	100.0	100.0
Limit (dB)	48.4	48.4	18.6	18.6
Worst Pair	36	36	45	45
PS ACR-F (dB)	18.0	17.9	18.8	19.0
Freq. (MHz)	1.1	1.0	100.0	99.3
Limit (dB)	54.6	55.6	15.6	15.7

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	20.5	18.5	29.4	28.2
Freq. (MHz)	13.0	13.0	96.0	100.0
Limit (dB)	39.6	39.6	12.1	11.3
Worst Pair	45	45	36	36
PS ACR-N (dB)	20.9	20.4	31.8	30.7
Freq. (MHz)	13.3	12.9	100.0	100.0
Limit (dB)	36.4	36.7	8.3	8.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	8.9	10.3	8.9	10.5
Freq. (MHz)	98.0	31.5	98.0	99.5
Limit (dB)	12.1	17.0	12.1	12.0

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	




Cable ID: GEN/143

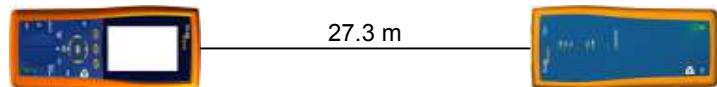
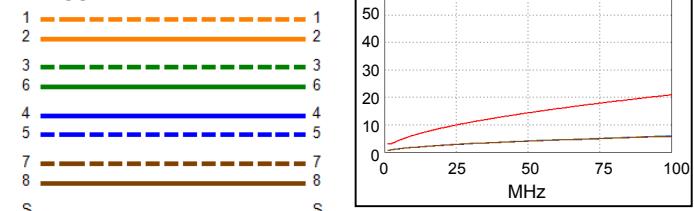
Date / Time: 30/05/2018 12:22:41 PM
Headroom 13.6 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

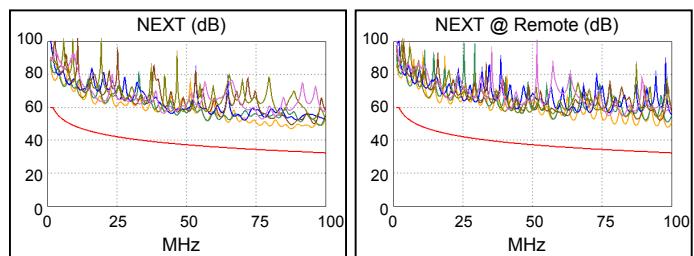
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

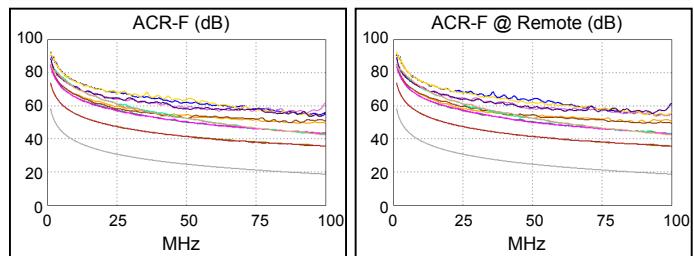
Length (m), Limit 90.0	[Pair 45]	27.3
Prop. Delay (ns), Limit 498	[Pair 12]	137
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.3
Insertion Loss Margin (dB)	[Pair 12]	15.1
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0


**Wire Map (T568B)
PASS**


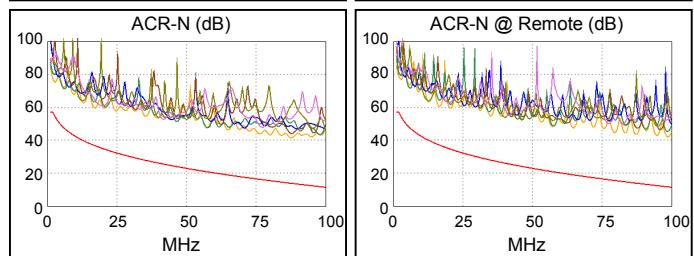
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	13.6	15.5	13.6	15.5
Freq. (MHz)	87.5	98.5	87.5	98.5
Limit (dB)	33.3	32.4	33.3	32.4
Worst Pair	36	12	36	12
PS NEXT (dB)	14.7	16.4	14.7	16.7
Freq. (MHz)	87.5	57.3	87.5	98.5
Limit (dB)	30.3	33.3	30.3	29.4



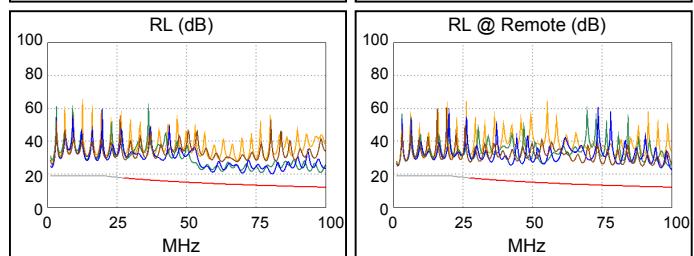
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	16.1	16.1	16.8	16.9
Freq. (MHz)	2.8	2.8	100.0	100.0
Limit (dB)	49.8	49.8	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	17.7	17.7	18.4	18.4
Freq. (MHz)	1.0	1.0	98.3	100.0
Limit (dB)	55.6	55.6	15.8	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR-N (dB)	20.1	21.7	27.6	30.4
Freq. (MHz)	2.3	1.9	87.5	98.5
Limit (dB)	55.7	57.0	13.8	11.6
Worst Pair	12	12	36	12
PS ACR-N (dB)	21.4	22.6	28.7	31.6
Freq. (MHz)	1.9	2.0	87.5	98.5
Limit (dB)	54.0	53.5	10.8	8.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	6.9	9.7	7.2	10.7
Freq. (MHz)	59.3	42.0	80.8	100.0
Limit (dB)	14.3	15.8	12.9	12.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/144

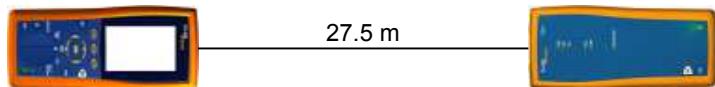
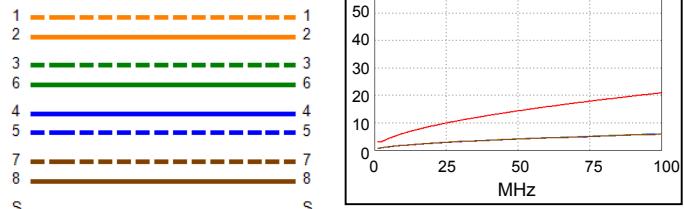
Date / Time: 30/05/2018 12:22:59 PM
Headroom 13.8 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

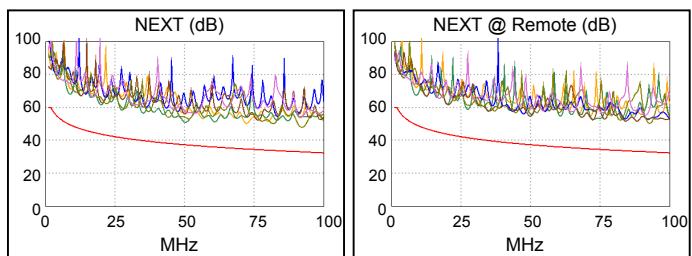
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	27.5
Prop. Delay (ns), Limit 498	[Pair 12]	138
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 36]	5.4
Insertion Loss Margin (dB)	[Pair 12]	15.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

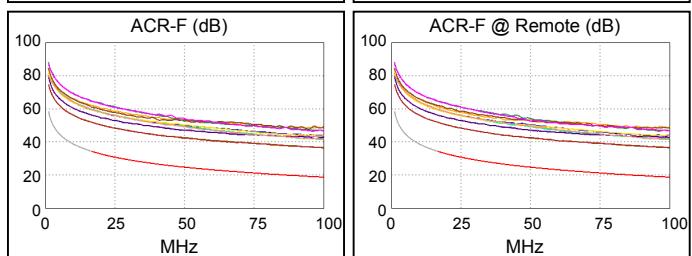

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

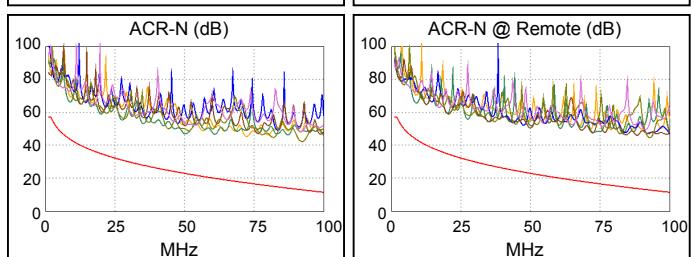
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-78	36-78
NEXT (dB)	13.8	17.4	15.0	17.5
Freq. (MHz)	50.0	27.3	92.0	92.8
Limit (dB)	37.2	41.5	32.9	32.8
Worst Pair	45	45	36	78
PS NEXT (dB)	14.9	17.3	16.7	18.1
Freq. (MHz)	50.0	49.8	91.8	92.5
Limit (dB)	34.2	34.3	29.9	29.9



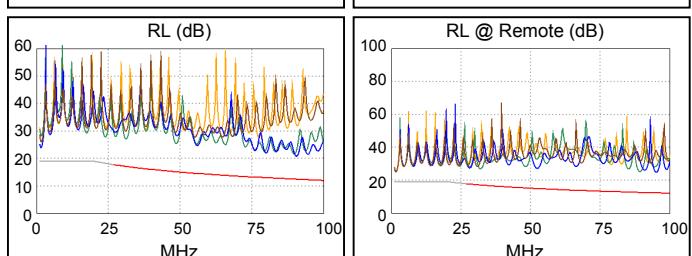
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	17.1	17.1	17.7	17.7
Freq. (MHz)	3.1	3.3	99.8	99.3
Limit (dB)	48.7	48.4	18.6	18.7
Worst Pair	36	36	36	45
PS ACR-F (dB)	17.8	17.9	19.5	19.2
Freq. (MHz)	1.0	1.0	99.8	99.3
Limit (dB)	55.6	55.6	15.6	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-78	36-78
ACR-N (dB)	22.6	22.0	29.4	31.9
Freq. (MHz)	8.6	8.6	92.0	92.8
Limit (dB)	43.8	43.8	12.9	12.7
Worst Pair	12	12	36	78
PS ACR-N (dB)	23.8	23.4	31.0	32.5
Freq. (MHz)	8.9	8.6	91.8	92.5
Limit (dB)	40.5	40.8	9.9	9.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	45
RL (dB)	8.4	9.8	8.4	12.6
Freq. (MHz)	90.3	32.0	90.5	95.0
Limit (dB)	12.5	17.0	12.4	12.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/145

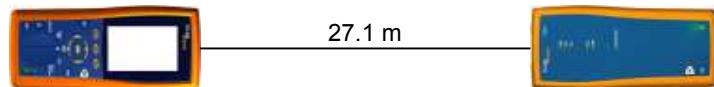
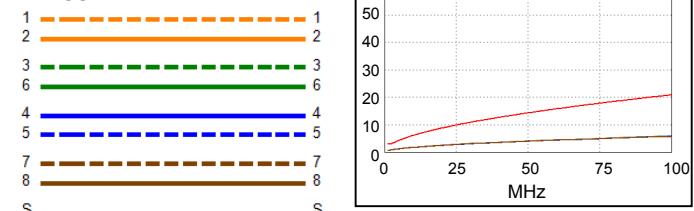
Date / Time: 30/05/2018 12:23:19 PM
Headroom 8.2 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

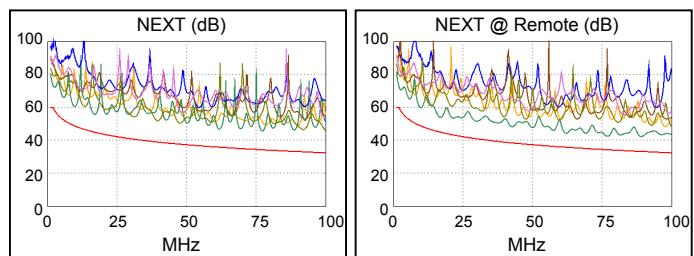
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	27.1
Prop. Delay (ns), Limit 498	[Pair 12]	136
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.3
Insertion Loss Margin (dB)	[Pair 12]	15.1
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

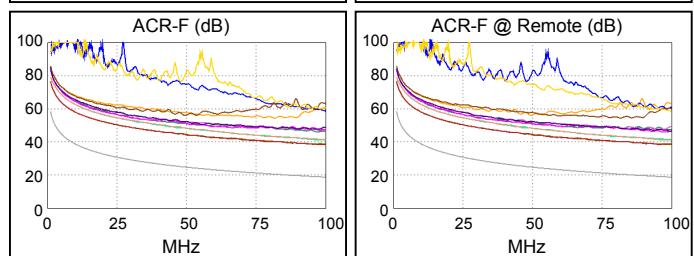

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

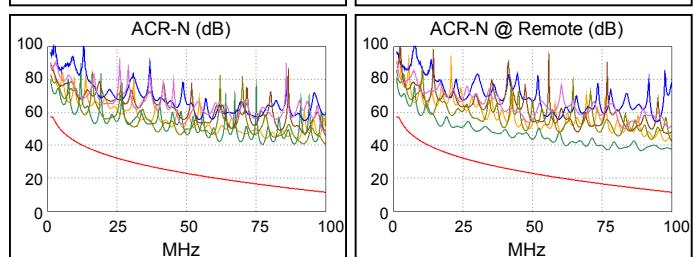
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	10.7	8.2	11.5	9.1
Freq. (MHz)	16.9	76.8	77.3	88.8
Limit (dB)	44.9	34.2	34.1	33.2
Worst Pair	12	12	12	12
PS NEXT (dB)	13.3	11.1	13.4	11.8
Freq. (MHz)	61.5	76.8	77.3	89.3
Limit (dB)	32.8	31.2	31.1	30.1



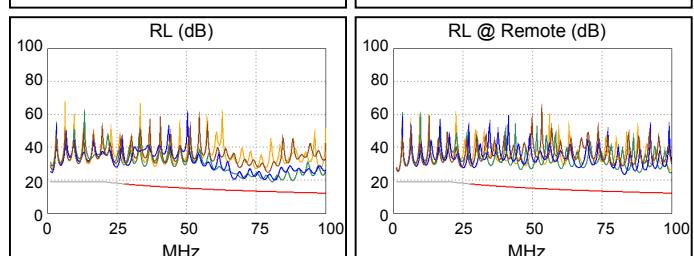
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	18.9	18.9	19.6	19.7
Freq. (MHz)	4.1	4.0	100.0	100.0
Limit (dB)	46.3	46.6	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	18.6	18.8	20.4	20.4
Freq. (MHz)	1.0	1.0	95.8	100.0
Limit (dB)	55.6	55.6	16.0	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-78	12-45
ACR-N (dB)	15.7	14.7	28.9	23.3
Freq. (MHz)	1.9	2.3	100.0	88.8
Limit (dB)	57.0	55.7	11.3	13.5
Worst Pair	45	45	36	12
PS ACR-N (dB)	18.3	17.4	30.8	25.9
Freq. (MHz)	1.9	2.3	100.0	89.3
Limit (dB)	54.0	52.7	8.3	10.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	6.1	10.2	6.1	10.7
Freq. (MHz)	80.5	28.9	80.8	82.8
Limit (dB)	13.0	17.4	12.9	12.8



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/146

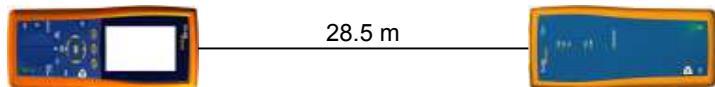
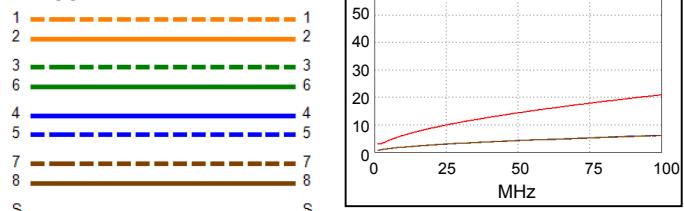
Date / Time: 30/05/2018 12:23:35 PM
Headroom 11.3 dB (**NEXT 12-45**)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

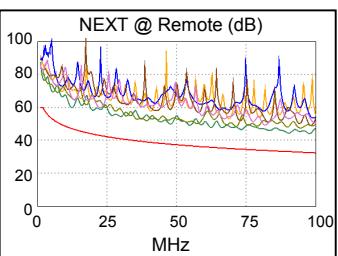
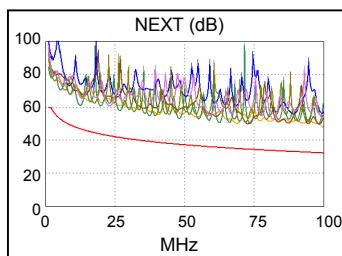
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	28.5
Prop. Delay (ns), Limit 498	[Pair 12]	143
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 36]	5.6
Insertion Loss Margin (dB)	[Pair 36]	14.8
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

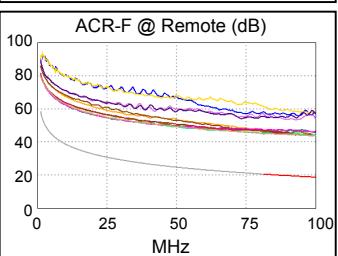
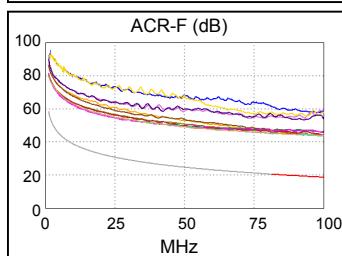

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

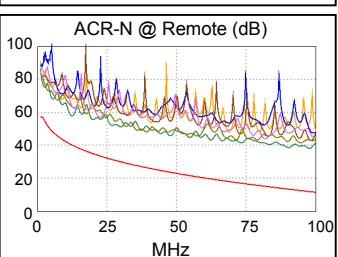
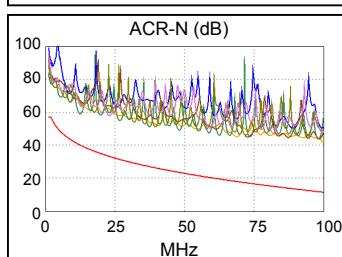
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-36	12-45
NEXT (dB)	14.2	11.3	15.7	11.6
Freq. (MHz)	12.1	90.0	99.8	97.5
Limit (dB)	47.2	33.1	32.3	32.5
Worst Pair	36	45	36	45
PS NEXT (dB)	15.2	13.1	16.8	13.2
Freq. (MHz)	72.5	82.5	98.8	98.0
Limit (dB)	31.6	30.7	29.4	29.4



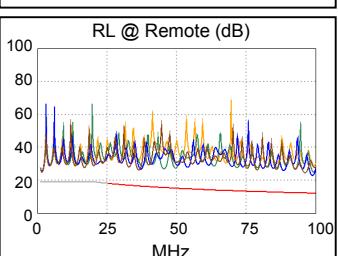
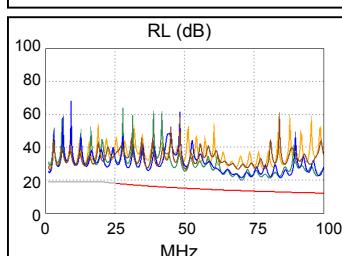
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-12	12-45	45-78	78-45
ACR-F (dB)	23.2	23.3	24.8	24.7
Freq. (MHz)	12.5	12.3	98.0	97.8
Limit (dB)	36.7	36.9	18.8	18.8
Worst Pair	45	45	45	45
PS ACR-F (dB)	20.7	20.5	24.0	24.0
Freq. (MHz)	1.0	1.0	98.3	99.3
Limit (dB)	55.6	55.6	15.8	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-36	12-45
ACR-N (dB)	19.0	17.6	30.5	26.3
Freq. (MHz)	12.1	12.1	100.0	97.8
Limit (dB)	40.3	40.3	11.3	11.7
Worst Pair	45	45	36	45
PS ACR-N (dB)	20.4	19.5	31.5	27.8
Freq. (MHz)	12.3	12.1	98.8	98.0
Limit (dB)	37.2	37.3	8.6	8.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	45
RL (dB)	6.4	9.8	6.4	10.6
Freq. (MHz)	70.5	36.3	70.5	98.8
Limit (dB)	13.5	16.4	13.5	12.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/147

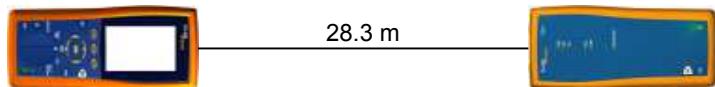
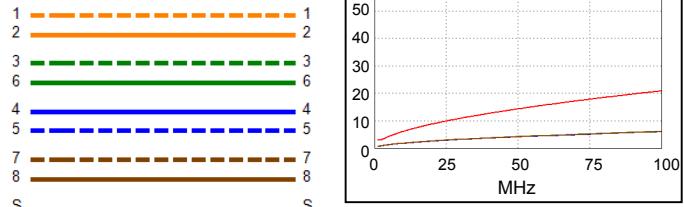
Date / Time: 30/05/2018 12:24:02 PM
Headroom 12.7 dB (**NEXT 45-78**)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

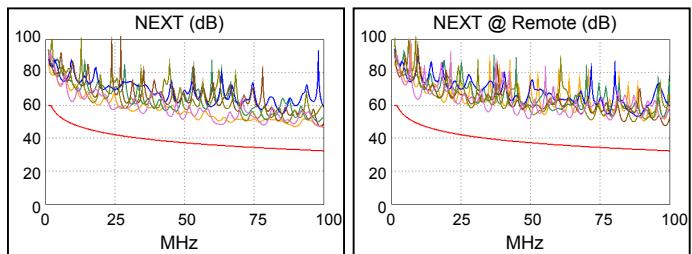
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	28.3
Prop. Delay (ns), Limit 498	[Pair 12]	143
Delay Skew (ns), Limit 44	[Pair 12]	6
Resistance (ohms)	[Pair 78]	5.6
Insertion Loss Margin (dB)	[Pair 12]	14.9
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

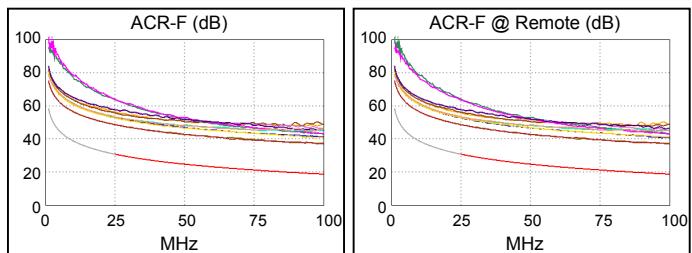

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

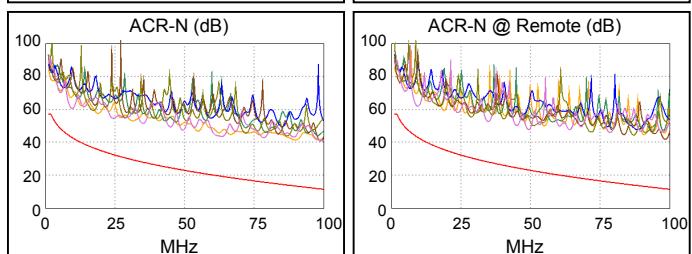
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	36-45
NEXT (dB)	12.7	14.6	14.4	15.3
Freq. (MHz)	62.8	49.0	100.0	98.3
Limit (dB)	35.6	37.4	32.3	32.4
Worst Pair	45	45	45	45
PS NEXT (dB)	13.8	16.3	13.8	16.3
Freq. (MHz)	98.5	97.8	98.5	97.8
Limit (dB)	29.4	29.5	29.4	29.5



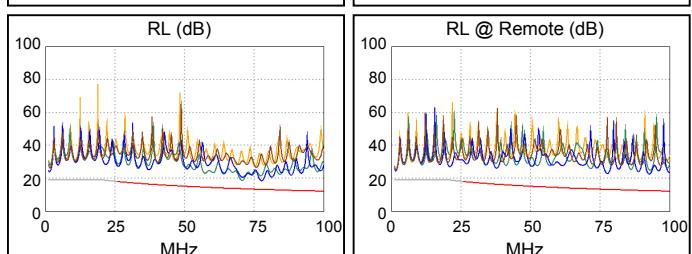
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	17.3	17.3	18.4	18.3
Freq. (MHz)	3.3	3.3	98.8	98.8
Limit (dB)	48.4	48.4	18.7	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	18.2	18.1	19.9	20.0
Freq. (MHz)	1.0	1.0	98.0	100.0
Limit (dB)	55.6	55.6	15.8	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	36-45
ACR-N (dB)	17.6	18.8	29.4	30.0
Freq. (MHz)	9.3	9.3	100.0	98.3
Limit (dB)	43.1	43.1	11.3	11.7
Worst Pair	45	45	45	45
PS ACR-N (dB)	20.3	21.6	28.6	31.1
Freq. (MHz)	9.1	9.3	98.5	97.8
Limit (dB)	40.2	40.1	8.6	8.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	45	45
RL (dB)	5.1	9.7	5.3	10.1
Freq. (MHz)	70.5	77.5	77.5	92.5
Limit (dB)	13.5	13.1	13.1	12.3



Compliant Network Standards:

10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/148

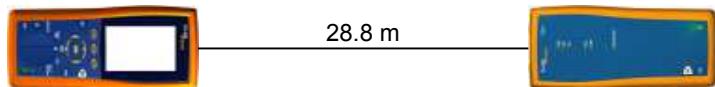
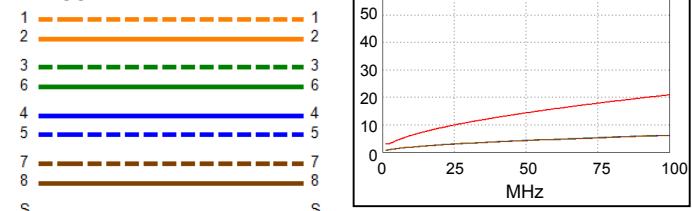
Date / Time: 30/05/2018 12:24:22 PM
Headroom 13.0 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

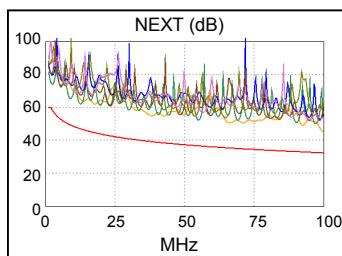
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	28.8
Prop. Delay (ns), Limit 498	[Pair 12]	144
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 36]	5.7
Insertion Loss Margin (dB)	[Pair 12]	14.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

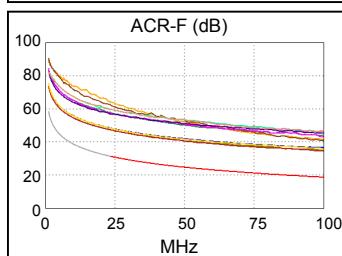

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

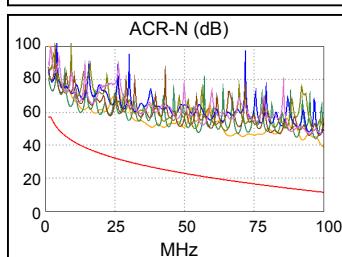
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-45	12-36	12-45
NEXT (dB)	13.0	13.0	13.0	13.1
Freq. (MHz)	99.8	83.3	99.8	97.5
Limit (dB)	32.3	33.6	32.3	32.5
Worst Pair	12	12	12	12
PS NEXT (dB)	15.3	14.5	15.3	14.6
Freq. (MHz)	100.0	90.0	100.0	98.5
Limit (dB)	29.3	30.1	29.3	29.4



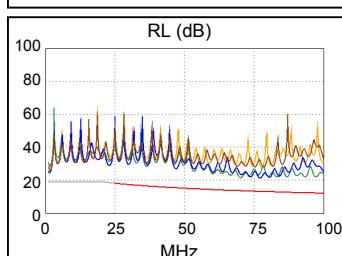
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	45-36	36-45
ACR-F (dB)	15.5	15.5	15.8	15.9
Freq. (MHz)	2.8	2.8	98.5	100.0
Limit (dB)	49.8	49.8	18.7	18.6
Worst Pair	45	45	36	36
PS ACR-F (dB)	17.1	17.1	17.7	18.0
Freq. (MHz)	1.0	1.0	98.5	98.5
Limit (dB)	55.6	55.6	15.7	15.7



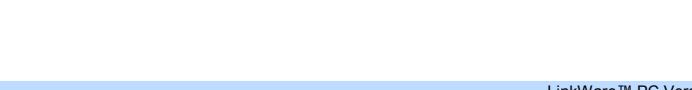
N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-36	12-45
ACR-N (dB)	17.4	16.5	27.7	27.8
Freq. (MHz)	1.9	2.1	99.8	97.5
Limit (dB)	57.0	56.1	11.4	11.8
Worst Pair	12	45	12	12
PS ACR-N (dB)	19.2	18.4	30.1	29.2
Freq. (MHz)	1.9	2.1	100.0	98.5
Limit (dB)	54.0	53.1	8.3	8.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	45	36
RL (dB)	7.8	12.6	8.1	12.9
Freq. (MHz)	70.0	36.0	77.0	98.3
Limit (dB)	13.6	16.4	13.1	12.1



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive

ACR-F @ Remote (dB)
ACR-N @ Remote (dB)
RL @ Remote (dB)



Cable ID: GEN/149

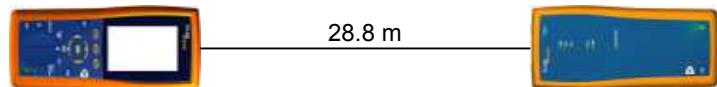
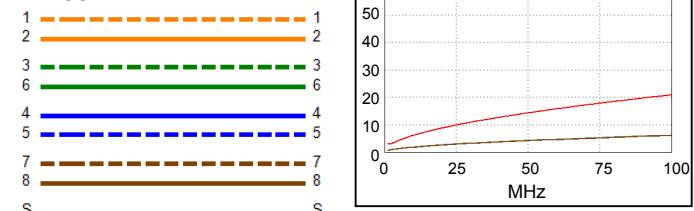
Date / Time: 30/05/2018 12:24:41 PM
Headroom 9.4 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

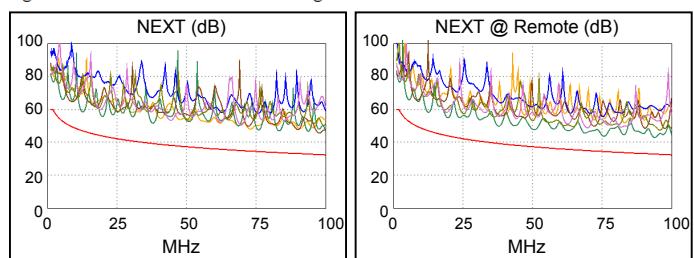
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	28.8
Prop. Delay (ns), Limit 498	[Pair 12]	144
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.6
Insertion Loss Margin (dB)	[Pair 36]	14.7
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

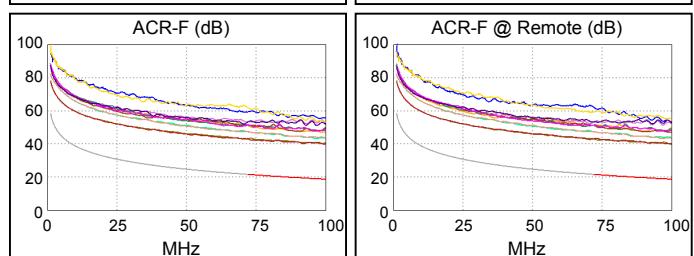

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

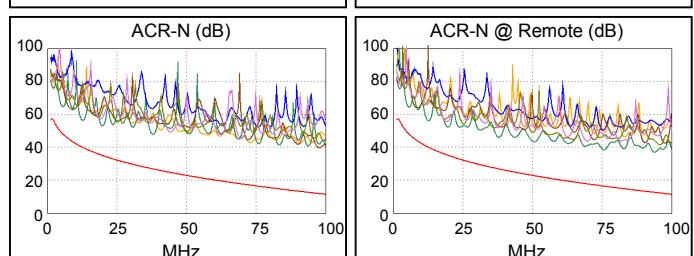
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-45	12-45
NEXT (dB)	11.5	9.4	13.1	10.1
Freq. (MHz)	12.4	75.5	97.5	93.8
Limit (dB)	47.0	34.3	32.5	32.8
Worst Pair	45	45	45	45
PS NEXT (dB)	13.4	11.8	14.1	12.6
Freq. (MHz)	19.3	76.0	97.5	94.0
Limit (dB)	40.9	31.3	29.5	29.7



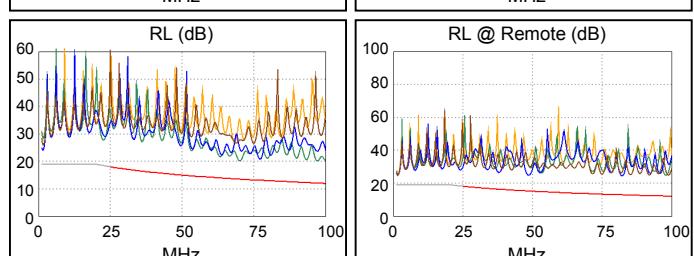
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	20.6	20.6	21.0	21.1
Freq. (MHz)	4.8	4.8	100.0	99.3
Limit (dB)	45.1	45.1	18.6	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	20.9	20.8	22.4	22.1
Freq. (MHz)	1.0	1.0	98.8	100.0
Limit (dB)	55.6	55.6	15.7	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-45	12-45
ACR-N (dB)	16.3	16.0	27.8	24.5
Freq. (MHz)	5.1	12.3	97.5	93.8
Limit (dB)	48.7	40.2	11.8	12.5
Worst Pair	12	45	45	45
PS ACR-N (dB)	18.8	18.3	28.8	26.9
Freq. (MHz)	5.1	19.1	97.5	94.0
Limit (dB)	45.7	32.3	8.8	9.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	6.6	9.6	6.6	11.5
Freq. (MHz)	70.0	48.5	70.0	82.0
Limit (dB)	13.6	15.2	13.6	12.9



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/150

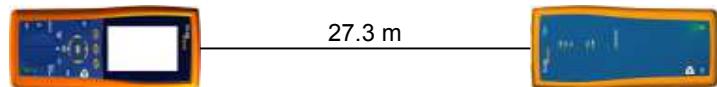
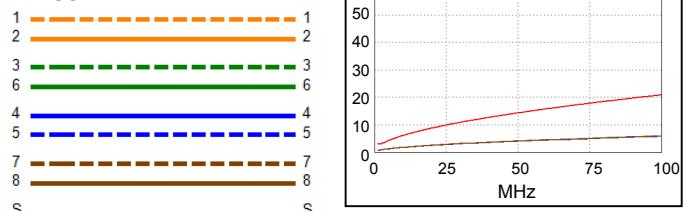
Date / Time: 30/05/2018 12:25:04 PM
Headroom 14.0 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

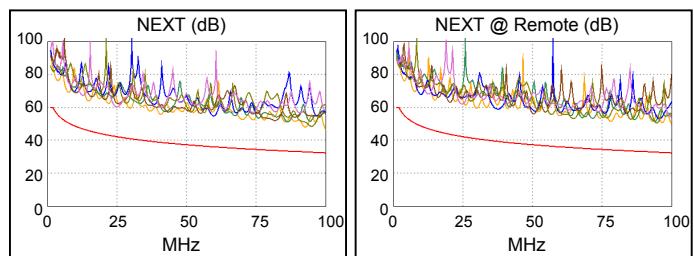
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	27.3
Prop. Delay (ns), Limit 498	[Pair 12]	137
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.4
Insertion Loss Margin (dB)	[Pair 36]	15.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

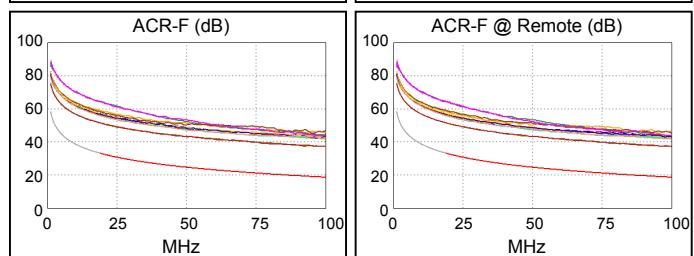

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

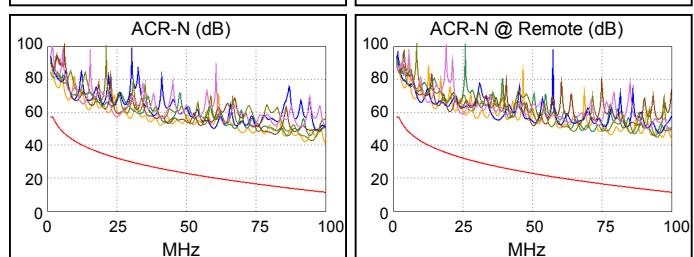
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
NEXT (dB)	14.0	17.3	14.0	17.4
Freq. (MHz)	100.0	78.0	100.0	100.0
Limit (dB)	32.3	34.1	32.3	32.3
Worst Pair	36	12	12	12
PS NEXT (dB)	15.9	18.6	16.2	18.6
Freq. (MHz)	92.8	93.3	100.0	93.3
Limit (dB)	29.8	29.8	29.3	29.8



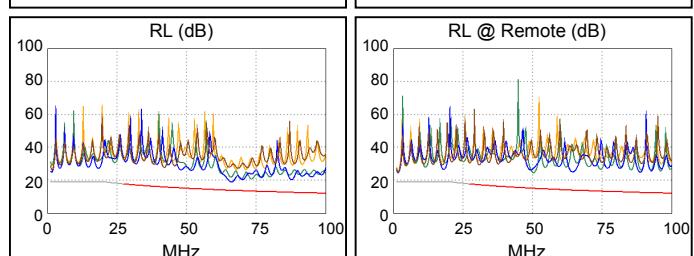
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	45-36	36-45
ACR-F (dB)	17.8	17.8	18.5	18.7
Freq. (MHz)	3.5	3.4	100.0	99.8
Limit (dB)	47.7	48.0	18.6	18.6
Worst Pair	45	45	36	45
PS ACR-F (dB)	18.2	18.2	20.0	19.5
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	55.6	55.6	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	12-36
ACR-N (dB)	22.3	22.8	29.0	32.4
Freq. (MHz)	7.3	7.3	100.0	100.0
Limit (dB)	45.5	45.5	11.3	11.3
Worst Pair	12	12	12	12
PS ACR-N (dB)	24.2	24.6	31.3	33.1
Freq. (MHz)	7.6	7.9	100.0	93.3
Limit (dB)	42.0	41.7	8.3	9.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	5.0	9.5	5.0	9.5
Freq. (MHz)	66.0	50.3	66.0	50.3
Limit (dB)	13.8	15.0	13.8	15.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/151

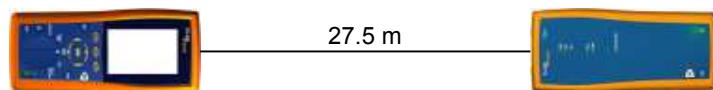
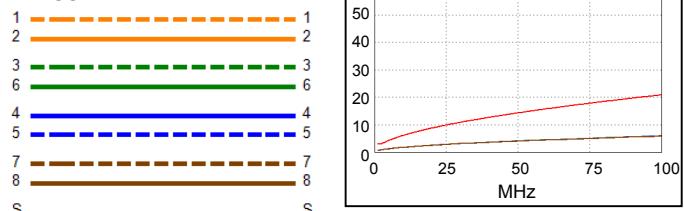
Date / Time: 30/05/2018 12:25:21 PM
Headroom 12.8 dB (**NEXT 12-45**)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

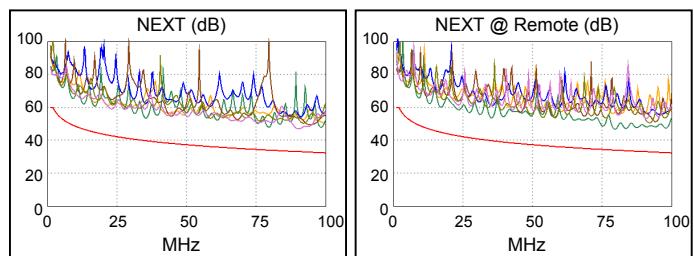
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	27.5
Prop. Delay (ns), Limit 498	[Pair 12]	138
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.3
Insertion Loss Margin (dB)	[Pair 36]	15.0
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

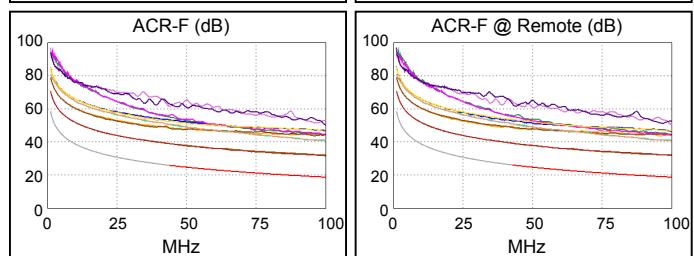

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

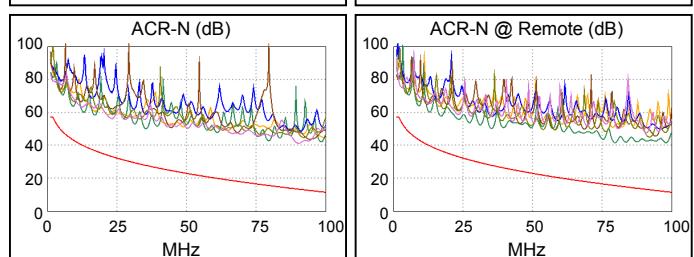
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	45-78	12-45
NEXT (dB)	13.7	12.8	13.8	12.8
Freq. (MHz)	35.3	79.3	89.8	79.5
Limit (dB)	39.7	34.0	33.1	33.9
Worst Pair	78	45	45	45
PS NEXT (dB)	15.2	15.2	15.5	15.2
Freq. (MHz)	90.8	79.8	94.0	79.8
Limit (dB)	30.0	30.9	29.7	30.9



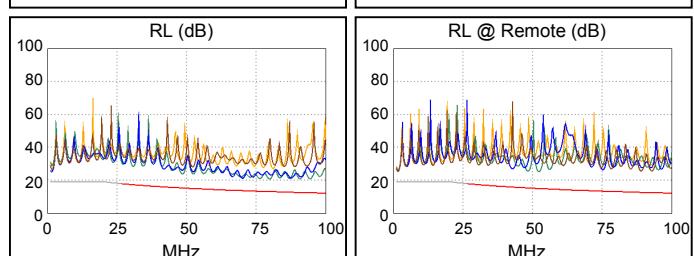
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	12.6	12.5	12.9	13.1
Freq. (MHz)	1.9	1.9	99.5	99.8
Limit (dB)	53.2	53.2	18.7	18.6
Worst Pair	36	36	36	45
PS ACR-F (dB)	14.7	14.6	15.6	15.2
Freq. (MHz)	1.0	1.0	99.5	99.5
Limit (dB)	55.6	55.6	15.7	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	45-78	12-45
ACR-N (dB)	20.4	20.5	28.0	26.1
Freq. (MHz)	8.9	12.8	89.8	79.5
Limit (dB)	43.5	39.8	13.3	15.4
Worst Pair	45	36	45	45
PS ACR-N (dB)	21.2	20.9	30.0	31.0
Freq. (MHz)	12.4	4.4	94.0	94.3
Limit (dB)	37.1	47.1	9.5	9.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	36	36
RL (dB)	7.5	10.2	7.6	10.3
Freq. (MHz)	70.0	48.3	79.8	52.3
Limit (dB)	13.6	15.2	13.0	14.8



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/152

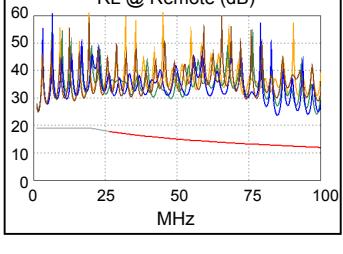
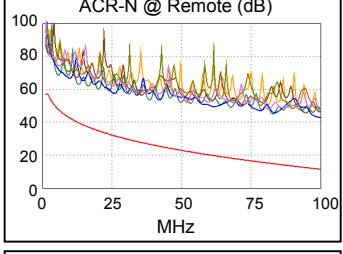
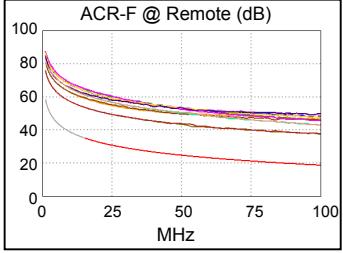
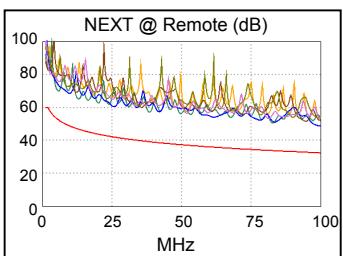
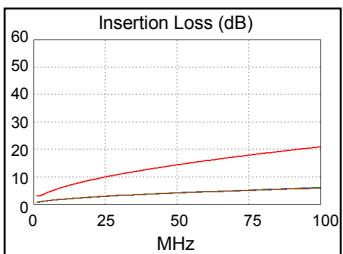
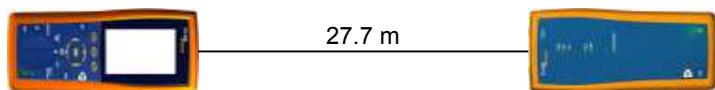
Date / Time: 30/05/2018 12:25:36 PM
Headroom 16.3 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 36]	27.7
Prop. Delay (ns), Limit 498	[Pair 12]	139
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 36]	5.5
Insertion Loss Margin (dB)	[Pair 12]	15.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-78	12-36	12-78
NEXT (dB)	16.3	16.4	16.3	16.4
Freq. (MHz)	83.3	99.3	83.3	99.3
Limit (dB)	33.6	32.4	33.6	32.4
Worst Pair	12	12	12	12
PS NEXT (dB)	17.0	17.1	17.1	17.1
Freq. (MHz)	82.3	82.8	100.0	99.8
Limit (dB)	30.7	30.7	29.3	29.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	17.9	17.9	18.6	18.7
Freq. (MHz)	54.0	54.0	100.0	100.0
Limit (dB)	24.0	24.0	18.6	18.6
Worst Pair	36	36	45	45
PS ACR-F (dB)	18.7	18.8	20.5	20.1
Freq. (MHz)	1.1	1.0	99.8	100.0
Limit (dB)	54.6	55.6	15.6	15.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-36	12-78
ACR-N (dB)	21.0	20.8	29.8	31.5
Freq. (MHz)	5.1	5.1	83.3	99.3
Limit (dB)	48.7	48.7	14.6	11.5
Worst Pair	12	12	12	12
PS ACR-N (dB)	22.6	22.1	32.1	32.0
Freq. (MHz)	5.0	5.3	100.0	99.8
Limit (dB)	45.9	45.4	8.3	8.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	7.3	11.0	7.4	11.0
Freq. (MHz)	73.0	84.8	83.8	84.8
Limit (dB)	13.4	12.7	12.8	12.7

Compliant Network Standards:

10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/153

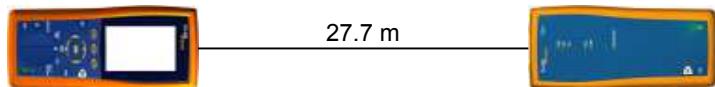
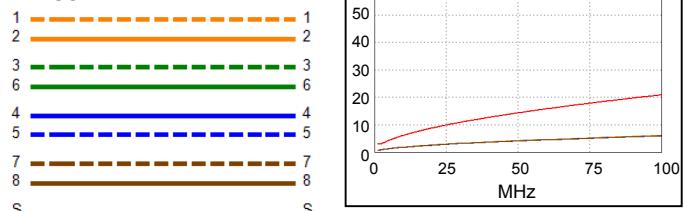
Date / Time: 30/05/2018 12:25:51 PM
Headroom 11.4 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

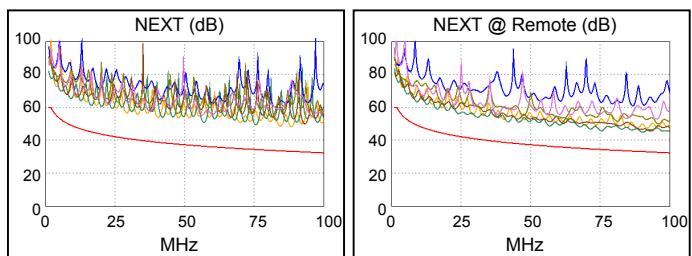
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	27.7
Prop. Delay (ns), Limit 498	[Pair 12]	139
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 36]	5.5
Insertion Loss Margin (dB)	[Pair 12]	14.9
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

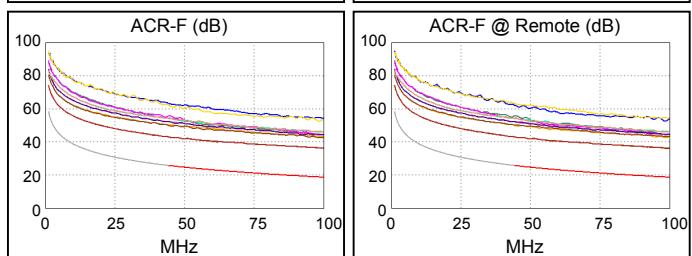

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

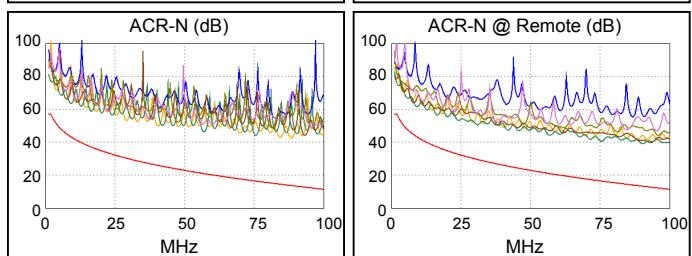
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-36	12-45
NEXT (dB)	14.5	11.4	15.0	11.8
Freq. (MHz)	57.0	75.3	88.3	90.0
Limit (dB)	36.3	34.3	33.2	33.1
Worst Pair	45	45	36	45
PS NEXT (dB)	16.0	12.5	16.9	12.5
Freq. (MHz)	56.5	90.0	88.5	90.0
Limit (dB)	33.4	30.1	30.2	30.1



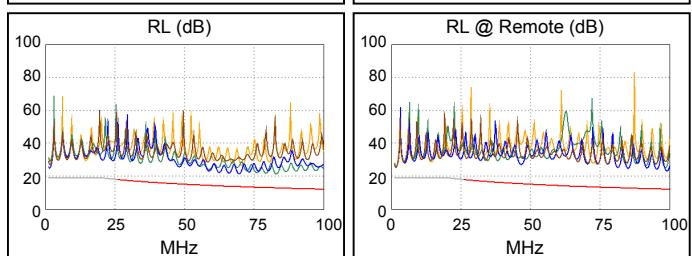
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	45-36
ACR-F (dB)	16.5	16.5	17.4	17.3
Freq. (MHz)	4.0	2.9	99.3	98.3
Limit (dB)	46.6	49.4	18.7	18.8
Worst Pair	36	36	36	36
PS ACR-F (dB)	17.6	17.5	19.1	19.0
Freq. (MHz)	1.0	1.0	99.3	98.0
Limit (dB)	55.6	55.6	15.7	15.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-36	12-45
ACR-N (dB)	20.0	18.2	29.0	26.0
Freq. (MHz)	1.9	8.9	88.3	90.3
Limit (dB)	57.0	43.5	13.6	13.2
Worst Pair	36	45	36	45
PS ACR-N (dB)	20.6	19.1	30.9	26.7
Freq. (MHz)	7.3	8.1	88.5	90.3
Limit (dB)	42.5	41.4	10.6	10.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	36	45
RL (dB)	7.8	11.0	8.6	11.0
Freq. (MHz)	69.5	99.0	82.8	99.0
Limit (dB)	13.6	12.1	12.8	12.1



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/154

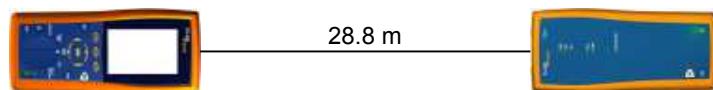
Date / Time: 30/05/2018 12:27:05 PM
Headroom 9.2 dB (**NEXT 45-78**)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

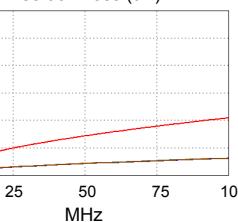
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

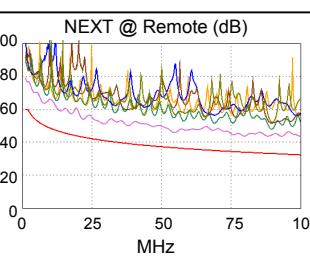
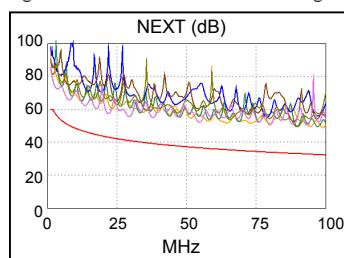
Length (m), Limit 90.0	[Pair 45]	28.8
Prop. Delay (ns), Limit 498	[Pair 12]	145
Delay Skew (ns), Limit 44	[Pair 12]	6
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 12]	14.7
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0


Wire Map (T568B)
PASS

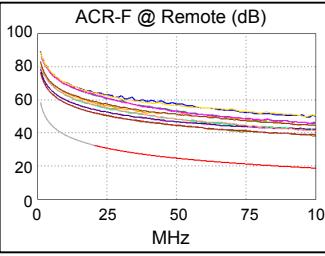
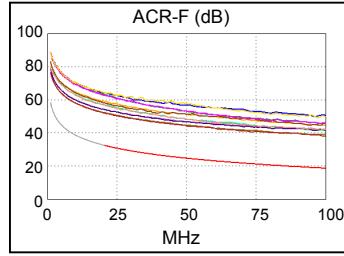
1	—	1
2	—	2
3	—	3
6	—	6
4	—	4
5	—	5
7	—	7
8	—	8
S	—	S

Insertion Loss (dB)

Worst Case Margin Worst Case Value

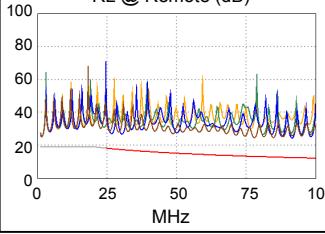
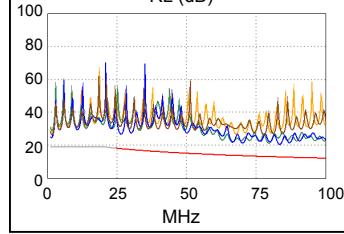
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	45-78
NEXT (dB)	14.3	9.2	16.5	11.0
Freq. (MHz)	21.5	54.3	98.8	100.0
Limit (dB)	43.2	36.7	32.4	32.3
Worst Pair	45	45	45	45
PS NEXT (dB)	16.5	11.6	17.4	12.0
Freq. (MHz)	29.3	54.3	97.0	89.0
Limit (dB)	38.0	33.7	29.5	30.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	45-36	36-45
ACR-F (dB)	19.0	19.0	19.2	19.4
Freq. (MHz)	4.0	4.0	99.5	100.0
Limit (dB)	46.6	46.6	18.7	18.6
Worst Pair	36	36	36	45
PS ACR-F (dB)	18.7	18.7	20.1	20.2
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	55.6	55.6	15.6	15.6



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	7.6	9.0	7.6	11.8
Freq. (MHz)	70.0	26.6	83.3	91.5
Limit (dB)	13.6	17.8	12.8	12.4



Compliant Network Standards:

10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/155

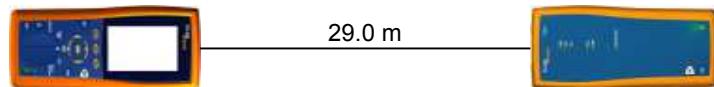
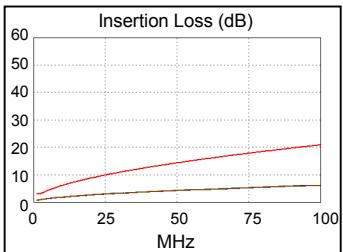
Date / Time: 30/05/2018 12:27:25 PM
Headroom 13.0 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

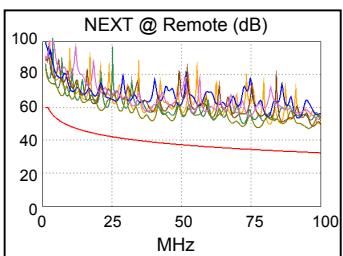
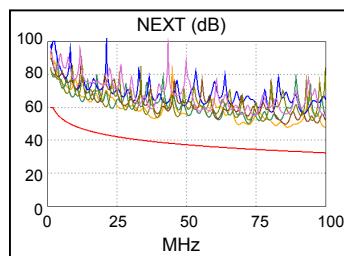
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	29.0
Prop. Delay (ns), Limit 498	[Pair 12]	145
Delay Skew (ns), Limit 44	[Pair 12]	5
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 12]	14.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

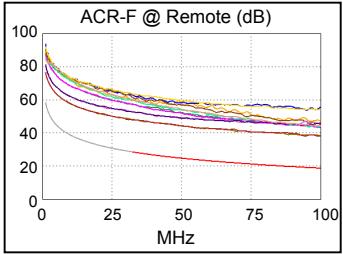
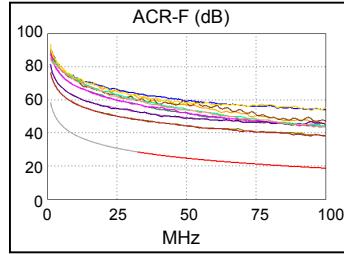

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

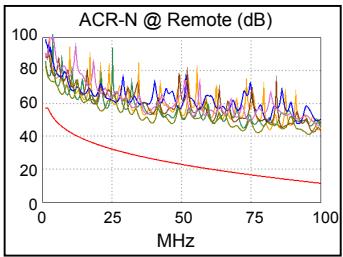
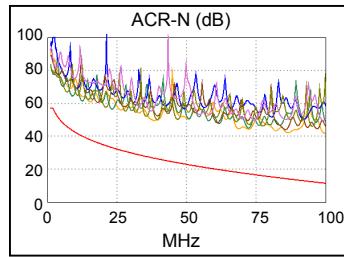
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	12-36	36-78
NEXT (dB)	14.2	13.0	14.5	14.6
Freq. (MHz)	38.0	39.0	86.0	95.5
Limit (dB)	39.2	39.0	33.4	32.6
Worst Pair	36	36	36	36
PS NEXT (dB)	13.9	14.2	15.3	15.6
Freq. (MHz)	39.0	39.5	85.8	96.0
Limit (dB)	36.0	35.9	30.4	29.6



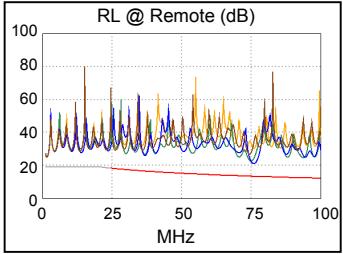
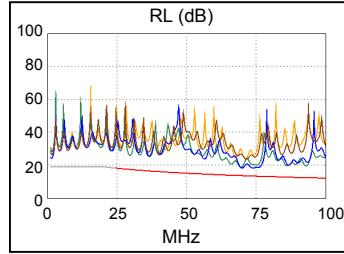
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	18.7	18.7	19.2	19.2
Freq. (MHz)	3.8	3.8	100.0	100.0
Limit (dB)	47.1	47.1	18.6	18.6
Worst Pair	36	36	45	45
PS ACR-F (dB)	19.5	19.6	20.3	20.8
Freq. (MHz)	1.0	1.3	100.0	99.8
Limit (dB)	55.6	53.7	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	36-78	12-36	36-78
ACR-N (dB)	20.9	19.3	30.3	29.0
Freq. (MHz)	8.8	1.9	99.8	95.5
Limit (dB)	43.6	57.0	11.4	12.2
Worst Pair	36	36	36	36
PS ACR-N (dB)	21.9	21.5	28.8	30.0
Freq. (MHz)	6.9	6.8	85.8	96.0
Limit (dB)	43.0	43.1	11.1	9.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	4.6	7.7	4.6	7.7
Freq. (MHz)	69.8	75.8	69.8	75.8
Limit (dB)	13.6	13.2	13.6	13.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/156

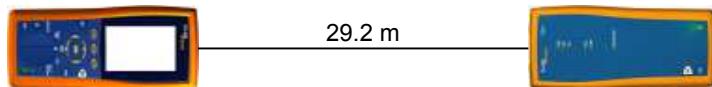
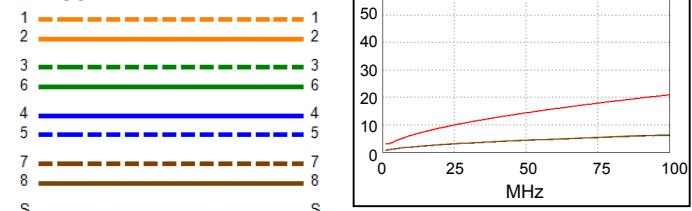
Date / Time: 30/05/2018 12:27:47 PM
Headroom 10.8 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

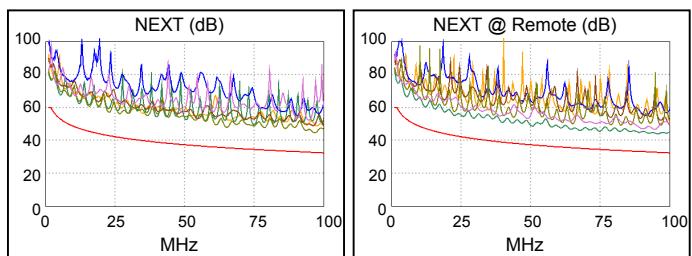
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	29.2
Prop. Delay (ns), Limit 498	[Pair 12]	147
Delay Skew (ns), Limit 44	[Pair 12]	6
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 12]	14.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

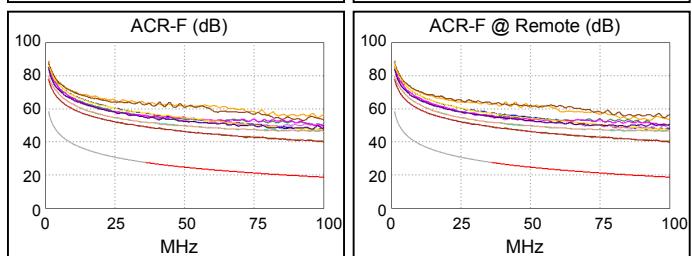

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

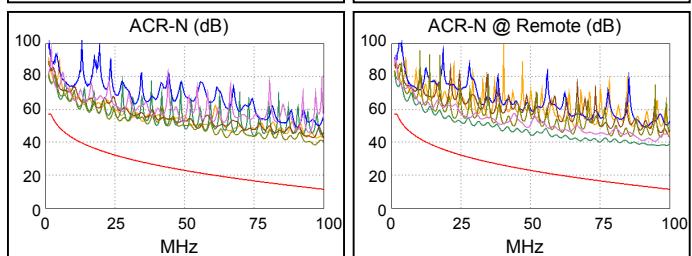
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-45	36-78	12-45
NEXT (dB)	12.0	10.8	12.0	11.3
Freq. (MHz)	96.5	67.8	96.5	95.3
Limit (dB)	32.6	35.1	32.6	32.7
Worst Pair	36	45	36	45
PS NEXT (dB)	12.9	12.4	12.9	12.4
Freq. (MHz)	96.5	95.0	96.5	95.0
Limit (dB)	29.6	29.7	29.6	29.7



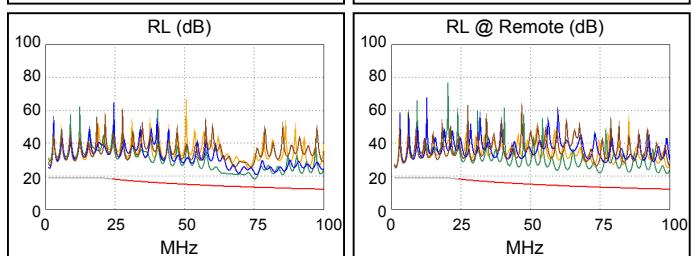
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	20.7	20.8	21.2	21.1
Freq. (MHz)	7.4	5.1	100.0	99.5
Limit (dB)	41.3	44.4	18.6	18.7
Worst Pair	45	45	45	45
PS ACR-F (dB)	19.8	19.8	23.1	23.3
Freq. (MHz)	1.0	1.0	100.0	100.0
Limit (dB)	55.6	55.6	15.6	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	36-78	12-45
ACR-N (dB)	17.8	16.7	26.5	25.7
Freq. (MHz)	5.1	5.1	96.5	95.3
Limit (dB)	48.7	48.7	12.0	12.2
Worst Pair	45	45	36	45
PS ACR-N (dB)	19.4	18.6	27.2	26.7
Freq. (MHz)	4.9	5.1	96.5	95.0
Limit (dB)	46.1	45.7	9.0	9.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	5.0	8.6	5.0	9.4
Freq. (MHz)	75.0	74.8	75.0	99.0
Limit (dB)	13.3	13.3	13.3	12.1



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/157

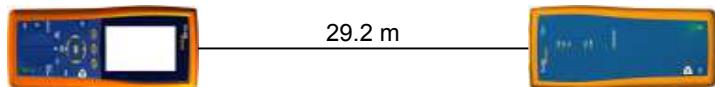
Date / Time: 30/05/2018 12:28:15 PM
Headroom 12.2 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

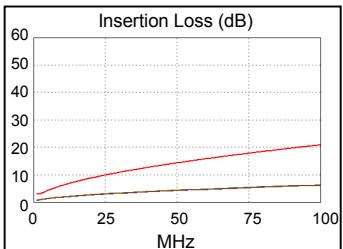
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	29.2
Prop. Delay (ns), Limit 498	[Pair 12]	147
Delay Skew (ns), Limit 44	[Pair 12]	6
Resistance (ohms)	[Pair 12]	5.7
Insertion Loss Margin (dB)	[Pair 12]	14.7
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0

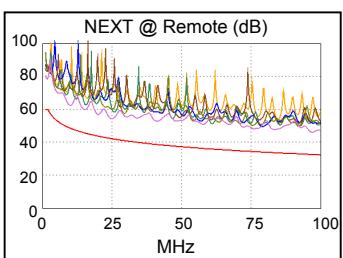
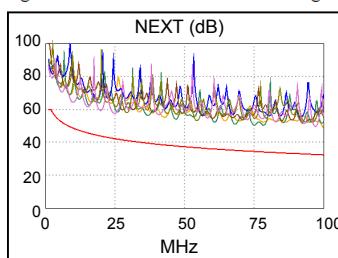

**Wire Map (T568B)
PASS**

1 2 3 6
 4 5 7 8
 S S

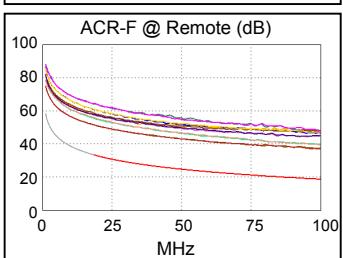
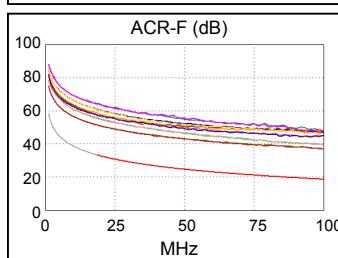


Worst Case Margin Worst Case Value

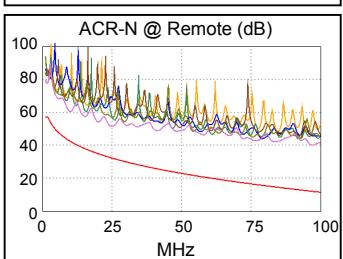
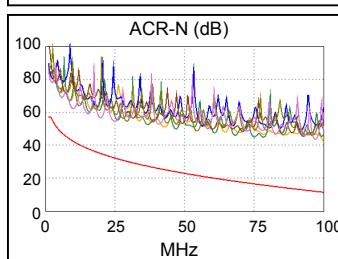
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	45-78
NEXT (dB)	15.4	12.2	16.0	13.6
Freq. (MHz)	24.5	24.4	100.0	96.8
Limit (dB)	42.3	42.3	32.3	32.5
Worst Pair	45	45	12	78
PS NEXT (dB)	16.2	14.0	17.7	14.8
Freq. (MHz)	25.5	25.1	100.0	97.0
Limit (dB)	39.0	39.1	29.3	29.5



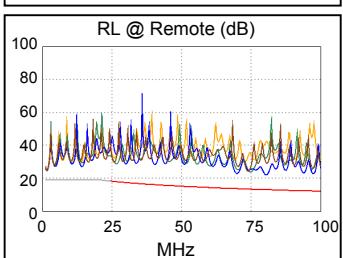
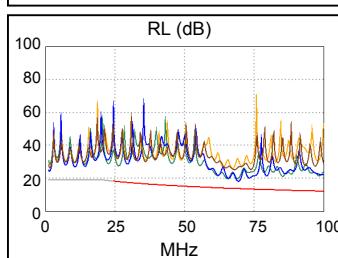
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	17.6	17.6	18.4	18.3
Freq. (MHz)	3.8	3.6	99.8	99.8
Limit (dB)	47.1	47.4	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	17.7	17.8	19.3	19.2
Freq. (MHz)	1.0	1.0	98.5	99.5
Limit (dB)	55.6	55.6	15.7	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	12-36	45-78
ACR-N (dB)	19.8	18.0	30.7	28.1
Freq. (MHz)	9.4	9.6	100.0	96.8
Limit (dB)	42.9	42.7	11.3	11.9
Worst Pair	45	45	12	78
PS ACR-N (dB)	21.9	20.4	32.4	29.3
Freq. (MHz)	9.1	8.6	100.0	97.0
Limit (dB)	40.2	40.8	8.3	8.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	4.4	9.0	4.4	9.0
Freq. (MHz)	69.3	80.3	69.3	80.3
Limit (dB)	13.6	13.0	13.6	13.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/158

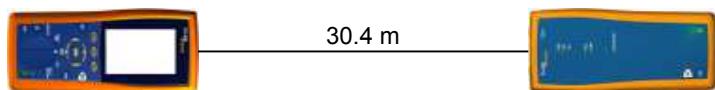
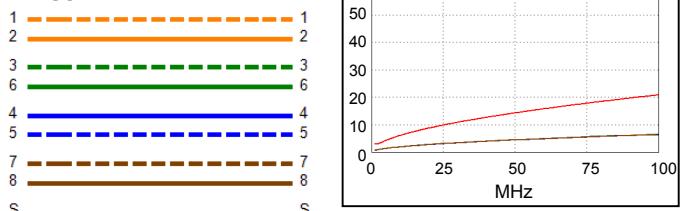
Date / Time: 30/05/2018 12:28:48 PM
Headroom 10.3 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

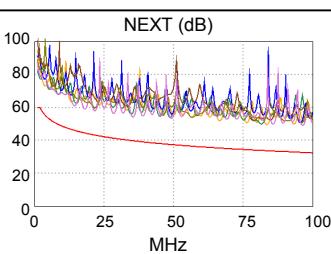
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	30.4
Prop. Delay (ns), Limit 498	[Pair 12]	153
Delay Skew (ns), Limit 44	[Pair 12]	6
Resistance (ohms)	[Pair 12]	6.1
Insertion Loss Margin (dB)	[Pair 12]	14.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0


**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	14.4	10.3	16.4	11.1
Freq. (MHz)	35.3	78.8	96.3	95.8
Limit (dB)	39.7	34.0	32.6	32.6
Worst Pair	45	45	78	78
PS NEXT (dB)	15.1	12.4	15.9	12.5
Freq. (MHz)	21.5	78.0	96.0	95.8
Limit (dB)	40.2	31.1	29.6	29.6



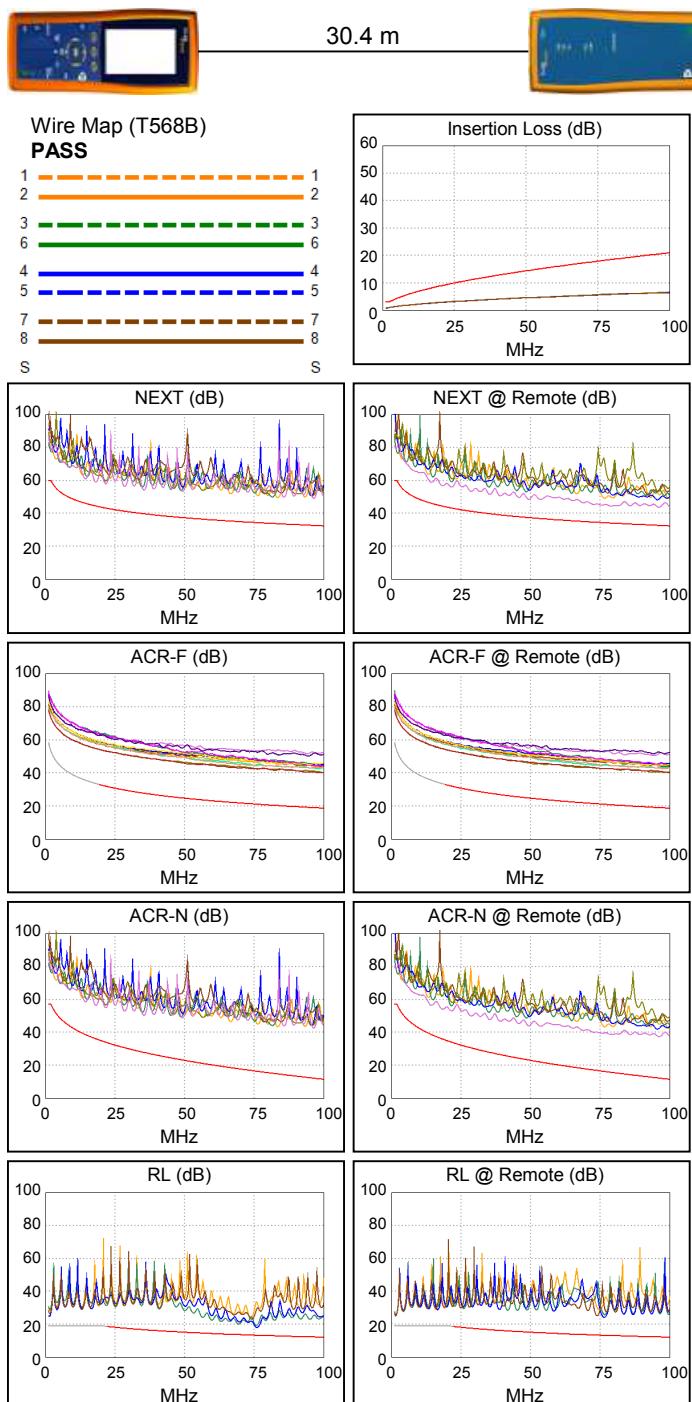
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	45-36
ACR-F (dB)	20.6	20.6	21.4	21.3
Freq. (MHz)	6.0	6.5	100.0	100.0
Limit (dB)	43.1	42.4	18.6	18.6
Worst Pair	45	45	45	45
PS ACR-F (dB)	20.2	20.1	21.8	21.4
Freq. (MHz)	1.0	1.0	99.5	97.5
Limit (dB)	55.6	55.6	15.7	15.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-78	45-78	45-78
ACR-N (dB)	19.6	17.8	30.6	25.3
Freq. (MHz)	1.9	14.0	96.3	96.3
Limit (dB)	57.0	38.8	12.0	12.0
Worst Pair	45	45	78	78
PS ACR-N (dB)	20.3	19.4	30.1	26.7
Freq. (MHz)	1.9	14.4	96.0	95.8
Limit (dB)	54.0	35.5	9.1	9.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	45
RL (dB)	4.7	10.9	4.7	10.9
Freq. (MHz)	76.0	76.3	76.0	76.3
Limit (dB)	13.2	13.2	13.2	13.2

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	




Cable ID: GEN/159

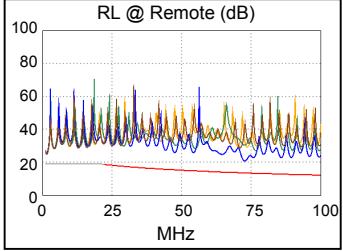
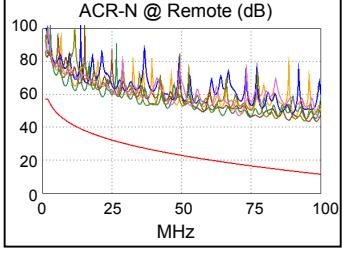
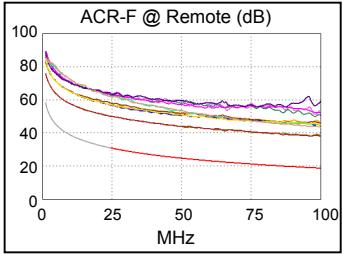
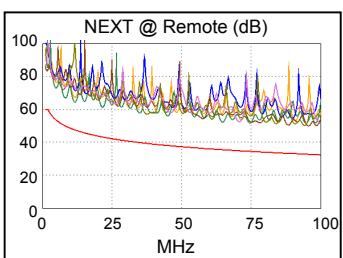
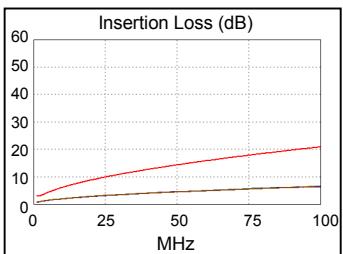
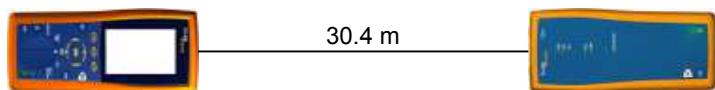
Date / Time: 30/05/2018 12:29:04 PM
Headroom 14.7 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	30.4
Prop. Delay (ns), Limit 498	[Pair 12]	153
Delay Skew (ns), Limit 44	[Pair 12]	6
Resistance (ohms)	[Pair 12]	6.0
Insertion Loss Margin (dB)	[Pair 12]	14.4
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	21.0



ACR-N (dB)

RL (dB)

RL @ Remote (dB)

Compliant Network Standards:

10BASE-T 100BASE-TX 100BASE-T4

1000BASE-T ATM-25 ATM-51

ATM-155 100VG-AnyLan TR-4

TR-16 Active TR-16 Passive

Worst Case Margin Worst Case Value

LinkWare™ PC Version 9.8


Cable ID: GEN/160

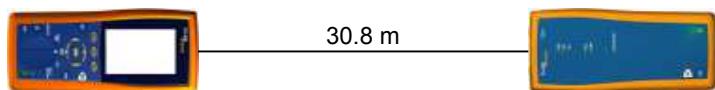
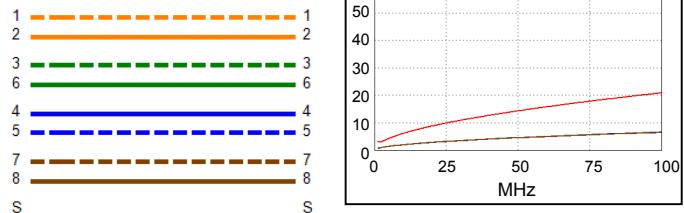
Date / Time: 30/05/2018 12:29:22 PM
Headroom 10.5 dB (NEXT 12-45)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

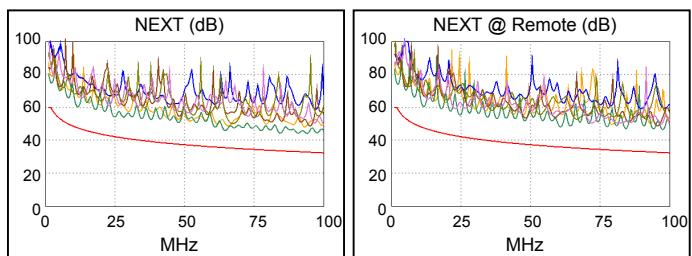
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	30.8
Prop. Delay (ns), Limit 498	[Pair 12]	155
Delay Skew (ns), Limit 44	[Pair 12]	6
Resistance (ohms)	[Pair 12]	6.1
Insertion Loss Margin (dB)	[Pair 36]	14.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

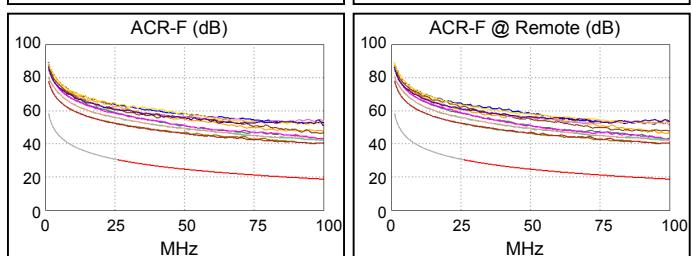

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

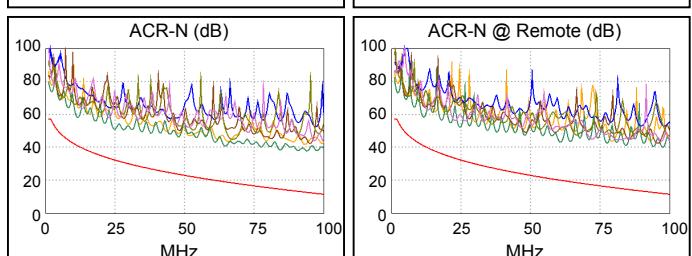
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
NEXT (dB)	10.5	12.2	11.4	13.9
Freq. (MHz)	64.5	60.5	94.0	97.5
Limit (dB)	35.4	35.9	32.7	32.5
Worst Pair	12	45	12	45
PS NEXT (dB)	12.0	14.1	13.1	14.9
Freq. (MHz)	64.8	60.5	93.5	97.0
Limit (dB)	32.4	32.9	29.8	29.5



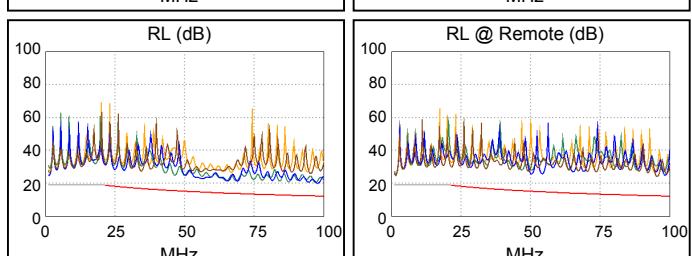
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	36-45	45-36
ACR-F (dB)	21.0	21.0	21.1	21.0
Freq. (MHz)	79.0	95.0	95.3	95.3
Limit (dB)	20.7	19.1	19.0	19.0
Worst Pair	45	45	45	45
PS ACR-F (dB)	20.1	20.3	21.3	21.2
Freq. (MHz)	1.0	1.0	97.8	99.5
Limit (dB)	55.6	55.6	15.8	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-45
ACR-N (dB)	17.1	16.8	25.2	28.1
Freq. (MHz)	1.9	1.9	94.0	97.5
Limit (dB)	57.0	57.0	12.5	11.8
Worst Pair	12	12	12	45
PS ACR-N (dB)	18.7	18.6	26.8	29.0
Freq. (MHz)	1.9	1.9	93.5	97.0
Limit (dB)	54.0	54.0	9.6	8.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	45	45	78
RL (dB)	7.4	10.5	7.6	11.8
Freq. (MHz)	65.3	50.3	97.8	95.5
Limit (dB)	13.9	15.0	12.1	12.2



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	


Cable ID: GEN/161

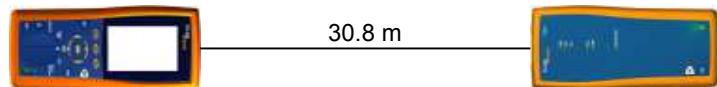
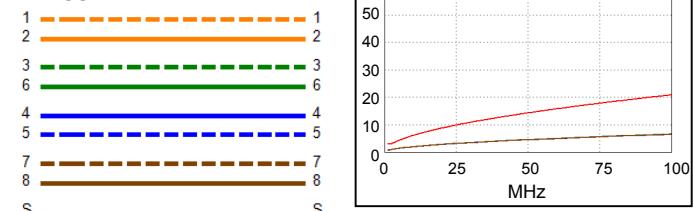
Date / Time: 30/05/2018 12:29:37 PM
Headroom 14.1 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

Test Summary: PASS

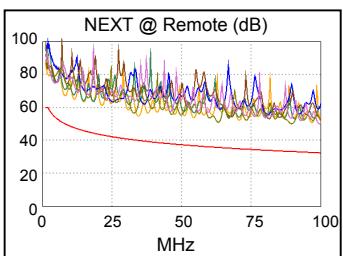
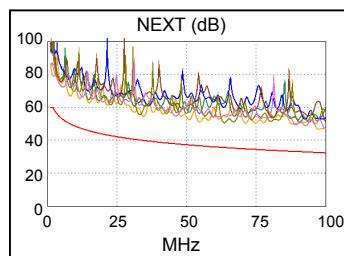
Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	30.8
Prop. Delay (ns), Limit 498	[Pair 12]	155
Delay Skew (ns), Limit 44	[Pair 12]	6
Resistance (ohms)	[Pair 12]	6.0
Insertion Loss Margin (dB)	[Pair 36]	14.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

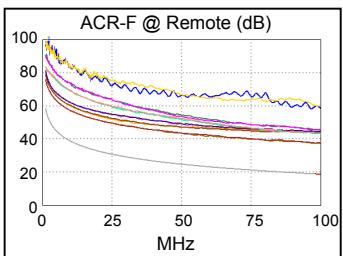
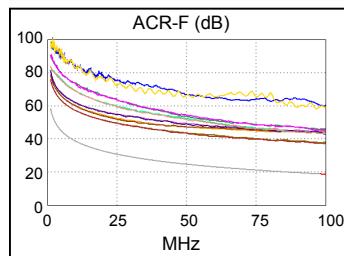

**Wire Map (T568B)
PASS**


Worst Case Margin Worst Case Value

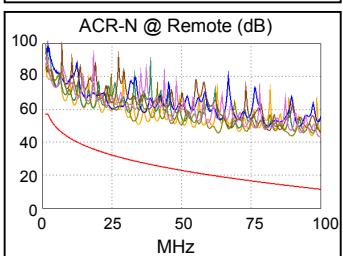
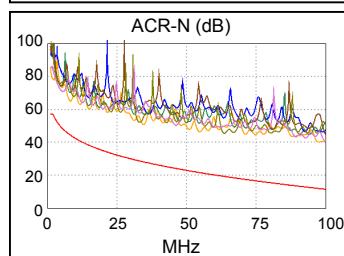
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	45-78
NEXT (dB)	14.1	14.7	14.1	17.6
Freq. (MHz)	97.5	34.3	97.5	99.5
Limit (dB)	32.5	39.9	32.5	32.3
Worst Pair	12	36	12	36
PS NEXT (dB)	15.5	16.5	15.5	17.9
Freq. (MHz)	97.5	34.0	97.5	100.0
Limit (dB)	29.5	37.0	29.5	29.3



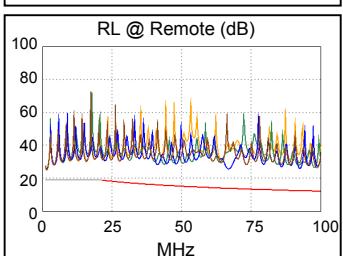
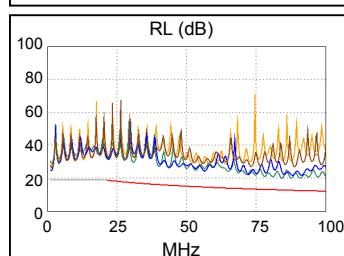
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	18.2	18.3	18.4	18.4
Freq. (MHz)	58.3	3.8	99.3	97.3
Limit (dB)	23.3	47.1	18.7	18.9
Worst Pair	36	36	36	45
PS ACR-F (dB)	18.0	17.9	19.8	20.0
Freq. (MHz)	1.0	1.1	99.3	99.3
Limit (dB)	55.6	54.6	15.7	15.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-36	45-78
ACR-N (dB)	20.7	20.7	28.2	32.0
Freq. (MHz)	8.0	7.9	97.5	99.5
Limit (dB)	44.5	44.7	11.8	11.4
Worst Pair	45	12	12	36
PS ACR-N (dB)	22.0	22.0	29.6	32.2
Freq. (MHz)	4.5	7.9	97.5	100.0
Limit (dB)	46.8	41.7	8.8	8.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	45	36	45
RL (dB)	7.2	11.7	7.5	11.7
Freq. (MHz)	84.3	66.8	90.8	66.8
Limit (dB)	12.8	13.8	12.4	13.8


 Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive


Cable ID: GEN/162

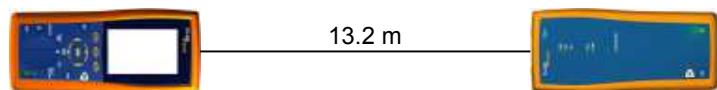
Date / Time: 30/05/2018 12:30:48 PM
Headroom 12.7 dB (NEXT 12-36)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e U/UTP
 NVP: 69.0%

Operator: KEVIN GRESHAM
 Software Version: 2.7800
 Limits Version: 1.9500
 Calibration Date:
 Main (Tester): 27/05/2016
 Remote (Tester): 27/05/2016

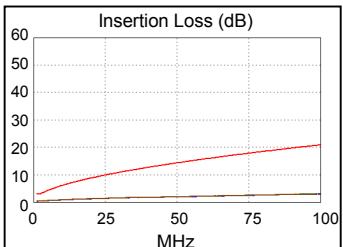
Test Summary: PASS

Model: DTX-1800
 Main S/N: 9676113
 Remote S/N: 9676114
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Length (m), Limit 90.0	[Pair 45]	13.2
Prop. Delay (ns), Limit 498	[Pair 12]	67
Delay Skew (ns), Limit 44	[Pair 12]	3
Resistance (ohms)	[Pair 36]	2.7
Insertion Loss Margin (dB)	[Pair 36]	17.9
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	21.0

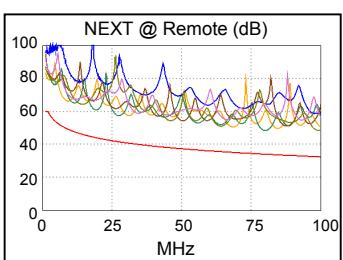
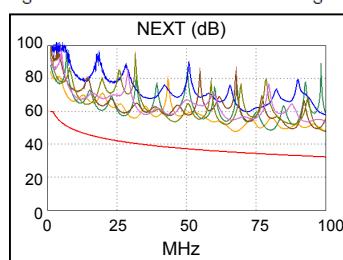

**Wire Map (T568B)
PASS**

1 2 3 6
 4 5 7 8
 S S

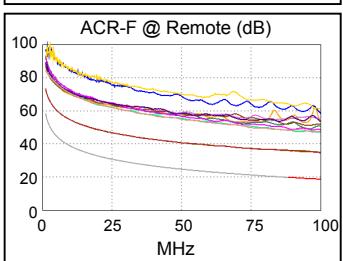
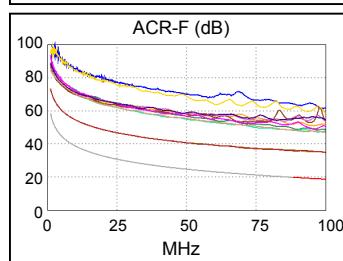


Worst Case Margin Worst Case Value

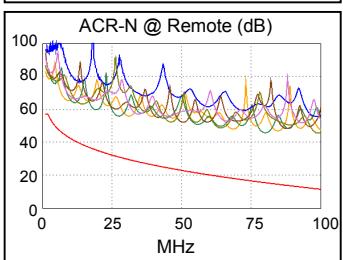
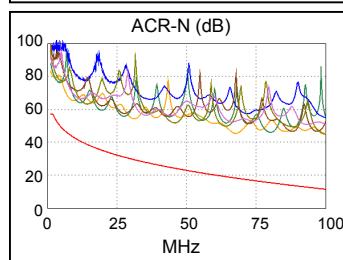
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-45	12-36	12-45
NEXT (dB)	12.7	14.5	12.7	14.5
Freq. (MHz)	67.0	79.8	67.3	79.8
Limit (dB)	35.2	33.9	35.1	33.9
Worst Pair	36	36	36	36
PS NEXT (dB)	15.1	16.7	15.1	17.0
Freq. (MHz)	67.0	67.0	99.3	99.5
Limit (dB)	32.2	32.2	29.4	29.3



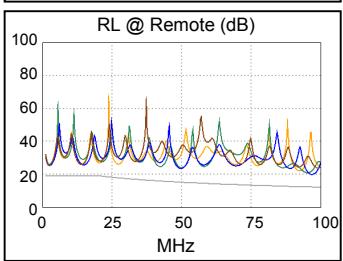
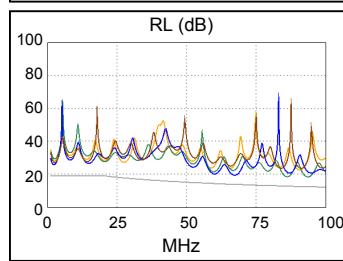
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	15.4	15.4	16.1	16.0
Freq. (MHz)	2.4	2.5	99.8	100.0
Limit (dB)	51.1	50.7	18.6	18.6
Worst Pair	36	45	45	36
PS ACR-F (dB)	17.5	17.5	18.6	18.9
Freq. (MHz)	1.0	1.0	99.3	99.8
Limit (dB)	55.6	55.6	15.7	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-78	36-78
ACR-N (dB)	21.8	21.8	33.6	33.9
Freq. (MHz)	8.3	8.1	99.5	98.8
Limit (dB)	44.2	44.4	11.4	11.6
Worst Pair	12	36	36	36
PS ACR-N (dB)	23.4	22.6	33.0	34.8
Freq. (MHz)	9.6	1.9	99.3	99.5
Limit (dB)	39.7	54.0	8.5	8.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	36	36
RL (dB)	6.0	8.6	6.0	8.6
Freq. (MHz)	93.3	95.0	93.3	95.0
Limit (dB)	12.3	12.2	12.3	12.2



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 1000BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive