Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
TRC-049	PASS	ISO11801 PL Class E	96 ft	3.8 dB (NEXT)	03/31/2020 02:27 PM
TRC-050	PASS	ISO11801 PL Class E	96 ft	5.4 dB (NEXT)	03/31/2020 02:27 PM
TRC-051	PASS	ISO11801 PL Class E	112 ft	2.0 dB (NEXT)	03/31/2020 02:28 PM
TRC-052	PASS	ISO11801 PL Class E	113 ft	1.5 dB (NEXT)	03/31/2020 02:28 PM
TRC-053	PASS	ISO11801 PL Class E	89 ft	2.4 dB (NEXT)	03/31/2020 02:28 PM
TRC-054	PASS	ISO11801 PL Class E	90 ft	1.0 dB (NEXT)	03/31/2020 02:29 PM
TRC-055	PASS	ISO11801 PL Class E	79 ft	3.6 dB (NEXT)	03/31/2020 02:29 PM
TRC-056	PASS	ISO11801 PL Class E	80 ft	3.5 dB (NEXT)	03/31/2020 02:29 PM

Total Length:	755 ft
Number of Reports:	8
Number of Passing Reports:	8
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0

Cable ID: TRC-049
Test Summary: PASS

Test Limit: ISO11801 PL Class E
Limits Version: 1.9500
Date / Time: 03/31/2020 02:27:06 PM
Operator: PAUL CUMMINGS
Headroom 3.8 dB (NEXT 3,6-4,5)
Cable Type: Cat 6 U/UTP
NVP: 69.0%

Main: DTX CableAnalyzer
  S/N: 9441027
  Software Version: 2.7800
  Calibration Date: 01/04/2018
  Adapter: DTX-PLA002
  S/N: MCRYNXB

Remote: DTX CableAnalyzer
  S/N: 9441026
  Software Version: 2.7800
  Calibration Date: 01/04/2018
  Adapter: DTX-PLA002
  S/N: MCRYV3W

Length (ft)	[Pair 7,8]	96
Prop. Delay (ns), Limit 498	[Pair 4,5]	150
Delay Skew (ns), Limit 44	[Pair 4,5]	9
Resistance (ohms), Limit 21.0	[Pair 1,2]	4.7
Insertion Loss Margin (dB)	[Pair 3,6]	21.2
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	30.7

96 ft

Wire Map (T568B)
PASS

Insertion Loss (dB)

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	6.8	3.8	6.9	3.8
Freq. (MHz)	236.5	247.0	243.5	247.0
Limit (dB)	35.7	35.4	35.5	35.4
Worst Pair	1,2	4,5	1,2	4,5
PS NEXT (dB)	8.0	4.0	8.3	4.0
Freq. (MHz)	229.5	247.0	250.0	247.0
Limit (dB)	33.3	32.8	32.7	32.8
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	4,5-3,6
ACR-F (dB)	10.6	10.8	11.0	11.2
Freq. (MHz)	219.0	219.0	243.0	250.0
Limit (dB)	17.4	17.4	16.5	16.2
Worst Pair	3,6	4,5	3,6	3,6
PS ACR-F (dB)	12.7	12.4	12.8	12.7
Freq. (MHz)	222.0	164.0	243.0	246.5
Limit (dB)	14.3	16.9	13.5	13.4
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	17.0	16.6	27.9	25.0
Freq. (MHz)	59.0	64.5	243.5	247.0
Limit (dB)	31.6	30.3	5.3	5.0
Worst Pair	3,6	1,2	1,2	4,5
PS ACR-N (dB)	18.8	18.2	29.9	25.3
Freq. (MHz)	59.0	64.8	250.0	247.0
Limit (dB)	29.1	27.7	2.0	2.3
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	5.0	5.7	7.3	5.7
Freq. (MHz)	56.5	247.5	172.5	250.0
Limit (dB)	16.5	10.1	11.6	10.0

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		

NEXT (dB)

NEXT @ Remote (dB)

ACR-F (dB)

ACR-F @ Remote (dB)

ACR-N (dB)

ACR-N @ Remote (dB)

RL (dB)

RL @ Remote (dB)

LinkWare™ PC Version 10.5
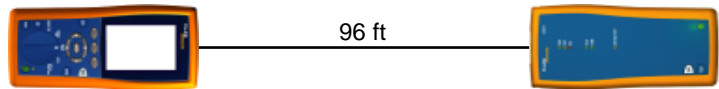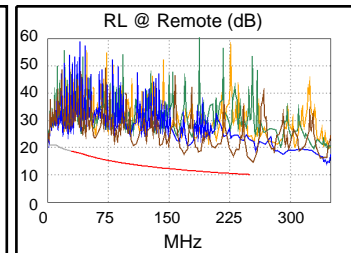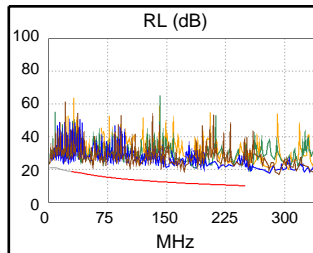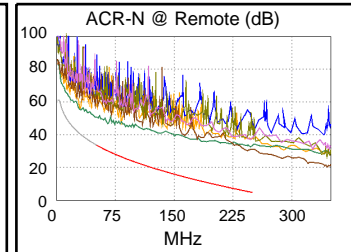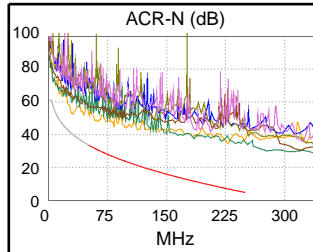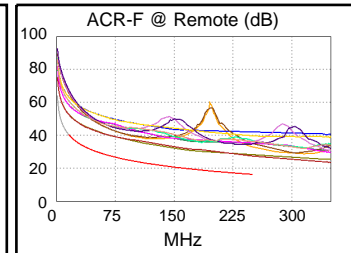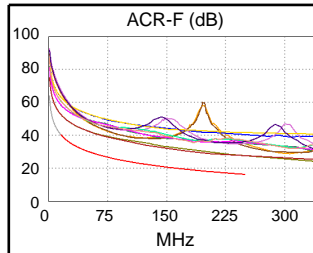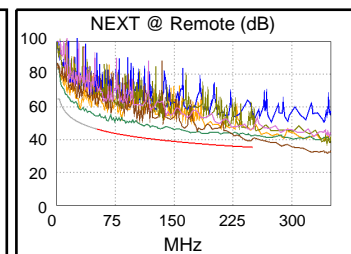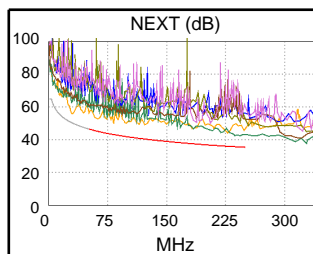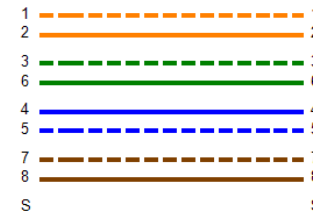
Cable ID: TRC-050

Test Summary: PASS

Test Limit: ISO11801 PL Class E
Limits Version: 1.9500
Date / Time: 03/31/2020 02:27:37 PM
Operator: PAUL CUMMINGS
Headroom 5.4 dB (NEXT 3,6-4,5)
Cable Type: Cat 6 U/UTP
NVP: 69.0%

Main: DTX CableAnalyzer
  S/N: 9441027
  Software Version: 2.7800
  Calibration Date: 01/04/2018
  Adapter: DTX-PLA002
  S/N: MCRYNXB

Remote: DTX CableAnalyzer
  S/N: 9441026
  Software Version: 2.7800
  Calibration Date: 01/04/2018
  Adapter: DTX-PLA002
  S/N: MCRYV3W

Length (ft)	[Pair 7,8]	96
Prop. Delay (ns), Limit 498	[Pair 4,5]	150
Delay Skew (ns), Limit 44	[Pair 4,5]	9
Resistance (ohms), Limit 21.0	[Pair 1,2]	4.8
Insertion Loss Margin (dB)	[Pair 3,6]	21.2
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	30.7

96 ft

Wire Map (T568B)
PASS

Insertion Loss (dB)

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-3,6	3,6-4,5
NEXT (dB)	6.5	5.4	6.5	5.4
Freq. (MHz)	191.5	243.5	191.5	243.5
Limit (dB)	37.2	35.5	37.2	35.5
Worst Pair	1,2	4,5	1,2	4,5
PS NEXT (dB)	6.8	5.4	6.8	5.4
Freq. (MHz)	191.0	246.5	191.0	246.5
Limit (dB)	34.7	32.8	34.7	32.8

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	11.3	11.1	11.4	11.1
Freq. (MHz)	232.5	232.5	250.0	250.0
Limit (dB)	16.9	16.9	16.2	16.2
Worst Pair	4,5	4,5	4,5	3,6
PS ACR-F (dB)	12.9	12.7	13.3	13.3
Freq. (MHz)	221.5	221.0	249.5	250.0
Limit (dB)	14.3	14.3	13.2	13.2

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	19.6	17.9	29.0	26.7
Freq. (MHz)	62.0	60.8	239.0	247.0
Limit (dB)	30.9	31.2	5.8	5.0
Worst Pair	3,6	1,2	1,2	4,5
PS ACR-N (dB)	20.6	19.1	25.1	26.6
Freq. (MHz)	62.0	60.8	191.0	246.5
Limit (dB)	28.4	28.7	8.3	2.4

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	7,8	4,5	7,8
RL (dB)	7.4	4.7	9.2	5.8
Freq. (MHz)	31.5	171.5	227.0	231.5
Limit (dB)	18.5	11.7	10.4	10.4

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		

NEXT (dB)

NEXT @ Remote (dB)

ACR-F (dB)

ACR-F @ Remote (dB)

ACR-N (dB)

ACR-N @ Remote (dB)

RL (dB)

RL @ Remote (dB)
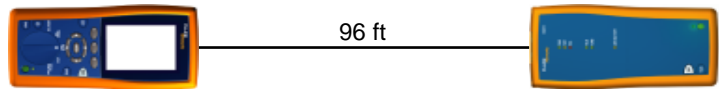
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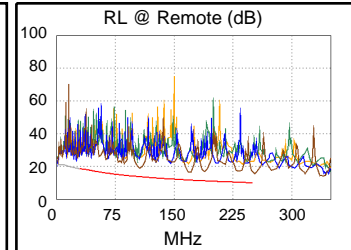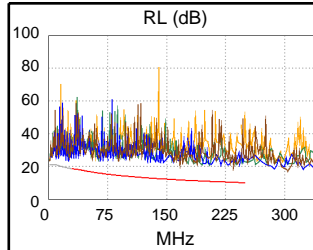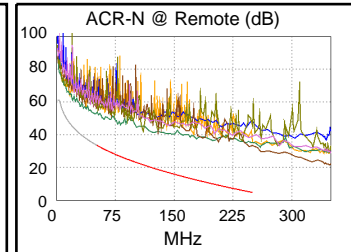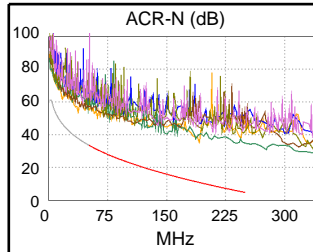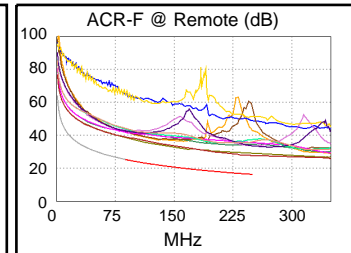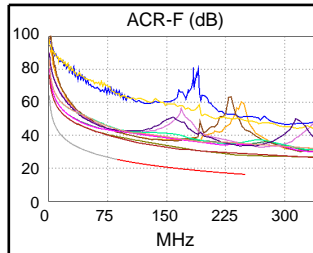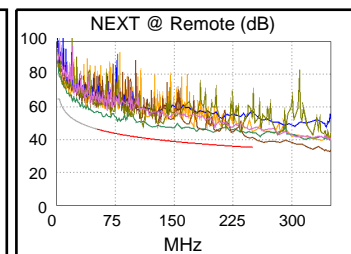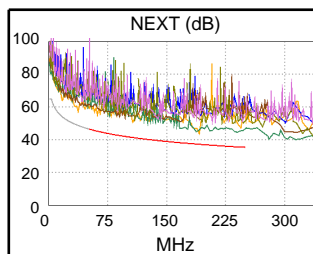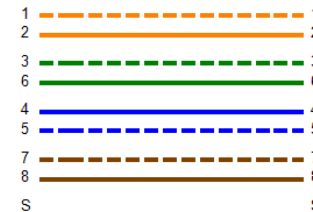
Cable ID: TRC-051

Test Summary: PASS

Test Limit: ISO11801 PL Class E
Limits Version: 1.9500
Date / Time: 03/31/2020 02:28:08 PM
Operator: PAUL CUMMINGS
Headroom 2.0 dB (NEXT 3,6-4,5)
Cable Type: Cat 6 U/UTP
NVP: 69.0%

Main: DTX CableAnalyzer
  S/N: 9441027
  Software Version: 2.7800
  Calibration Date: 01/04/2018
  Adapter: DTX-PLA002
  S/N: MCRYNXB

Remote: DTX CableAnalyzer
  S/N: 9441026
  Software Version: 2.7800
  Calibration Date: 01/04/2018
  Adapter: DTX-PLA002
  S/N: MCRYV3W

Length (ft)	[Pair 7,8]	112	
Prop. Delay (ns), Limit 498	[Pair 4,5]	175	
Delay Skew (ns), Limit 44	[Pair 4,5]	10	
Resistance (ohms), Limit 21.0	[Pair 1,2]	5.6	
Insertion Loss Margin (dB)	[Pair 3,6]	19.7	
Frequency (MHz)	[Pair 3,6]	250.0	
Limit (dB)	[Pair 3,6]	30.7	

112 ft

Wire Map (T568B)
PASS

Insertion Loss (dB)

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	6.7	2.0	7.5	2.0
Freq. (MHz)	69.8	249.5	246.5	249.5
Limit (dB)	44.4	35.4	35.4	35.4
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	7.6	2.8	9.6	2.8
Freq. (MHz)	69.8	250.0	246.5	250.0
Limit (dB)	41.9	32.7	32.8	32.7
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-4,5	4,5-3,6
ACR-F (dB)	11.4	11.6	12.8	12.7
Freq. (MHz)	156.5	156.5	246.5	249.5
Limit (dB)	20.3	20.3	16.4	16.2
Worst Pair	3,6	4,5	4,5	4,5
PS ACR-F (dB)	13.3	12.7	14.2	14.2
Freq. (MHz)	63.3	156.5	249.5	250.0
Limit (dB)	25.2	17.3	13.2	13.2
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	16.5	18.5	27.2	22.0
Freq. (MHz)	69.5	69.8	246.5	249.5
Limit (dB)	29.2	29.1	5.0	4.7
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-N (dB)	17.4	18.1	29.4	22.5
Freq. (MHz)	38.5	41.8	246.5	250.0
Limit (dB)	34.9	33.9	2.4	2.0
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	7,8	4,5	7,8
RL (dB)	3.9	4.6	9.1	6.0
Freq. (MHz)	24.5	71.0	234.5	237.0
Limit (dB)	19.1	15.5	10.3	10.3

NEXT (dB)

NEXT @ Remote (dB)

ACR-F (dB)

ACR-F @ Remote (dB)

ACR-N (dB)

ACR-N @ Remote (dB)

RL (dB)

RL @ Remote (dB)

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		

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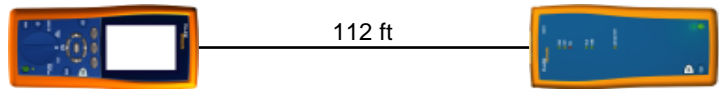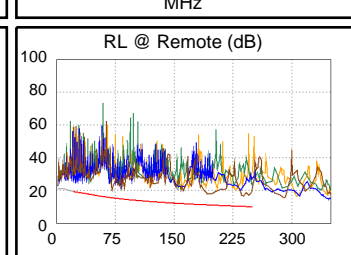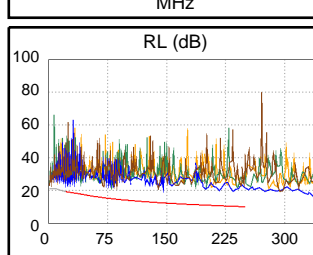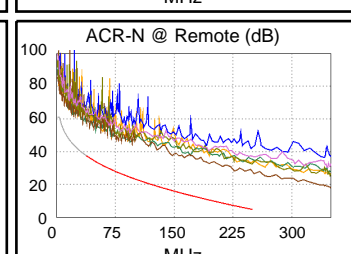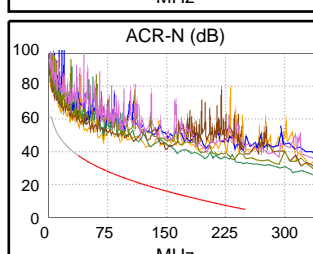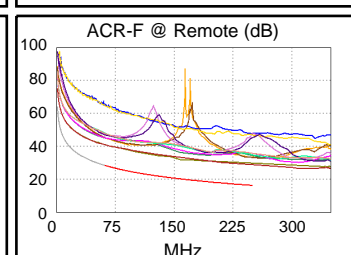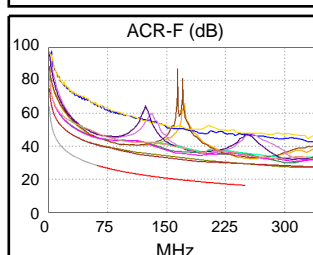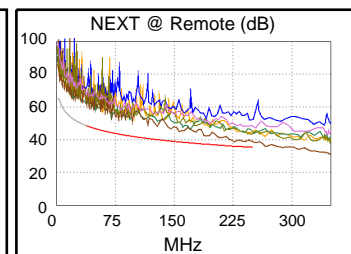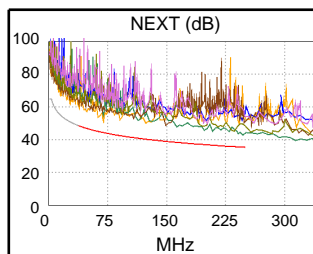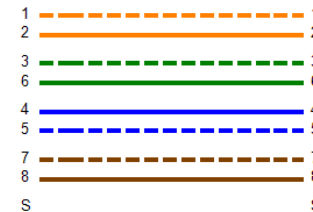
Cable ID: TRC-052

Test Summary: PASS

Test Limit: ISO11801 PL Class E
Limits Version: 1.9500
Date / Time: 03/31/2020 02:28:22 PM
Operator: PAUL CUMMINGS
Headroom 1.5 dB (NEXT 1,2-4,5)
Cable Type: Cat 6 U/UTP
NVP: 69.0%

Main: DTX CableAnalyzer
  S/N: 9441027
  Software Version: 2.7800
  Calibration Date: 01/04/2018
  Adapter: DTX-PLA002
  S/N: MCRYNXB

Remote: DTX CableAnalyzer
  S/N: 9441026
  Software Version: 2.7800
  Calibration Date: 01/04/2018
  Adapter: DTX-PLA002
  S/N: MCRYV3W

Length (ft)	[Pair 7,8]	113
Prop. Delay (ns), Limit 498	[Pair 4,5]	177
Delay Skew (ns), Limit 44	[Pair 4,5]	11
Resistance (ohms), Limit 21.0	[Pair 1,2]	5.6
Insertion Loss Margin (dB)	[Pair 3,6]	19.7
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	30.7

113 ft

Wire Map (T568B)
PASS

Insertion Loss (dB)

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	1.5	2.6	1.6	2.6
Freq. (MHz)	235.5	244.5	250.0	244.5
Limit (dB)	35.8	35.5	35.3	35.5
Worst Pair	1,2	3,6	4,5	3,6
PS NEXT (dB)	3.9	2.9	4.0	2.9
Freq. (MHz)	205.5	224.5	250.0	245.0
Limit (dB)	34.1	33.5	32.7	32.9
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	12.1	11.8	12.6	12.4
Freq. (MHz)	204.0	204.0	233.5	233.5
Limit (dB)	18.0	18.0	16.8	16.8
Worst Pair	4,5	4,5	3,6	3,6
PS ACR-F (dB)	13.0	13.1	13.7	13.7
Freq. (MHz)	201.0	166.0	249.0	249.0
Limit (dB)	15.1	16.8	13.3	13.3
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	1,2-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	14.0	15.1	21.4	22.2
Freq. (MHz)	42.3	42.3	250.0	244.5
Limit (dB)	36.2	36.2	4.7	5.2
Worst Pair	1,2	4,5	4,5	3,6
PS ACR-N (dB)	14.9	15.9	23.9	22.4
Freq. (MHz)	42.3	42.0	250.0	245.0
Limit (dB)	33.7	33.8	2.0	2.5
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	1,2	4,5	1,2
RL (dB)	5.5	5.0	7.7	5.0
Freq. (MHz)	26.9	166.5	227.0	166.5
Limit (dB)	18.9	11.8	10.4	11.8

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		

NEXT (dB)

NEXT @ Remote (dB)

ACR-F (dB)

ACR-F @ Remote (dB)

ACR-N (dB)

ACR-N @ Remote (dB)

RL (dB)

RL @ Remote (dB)

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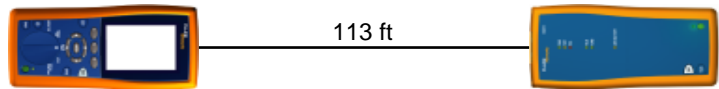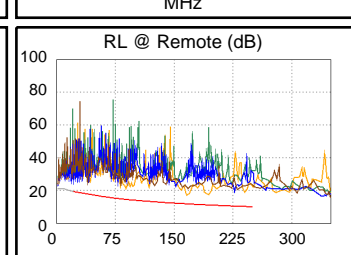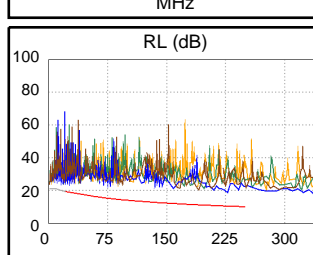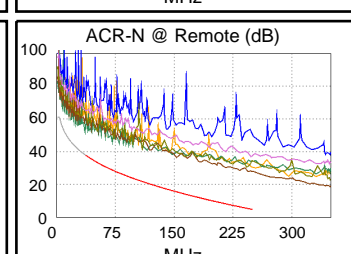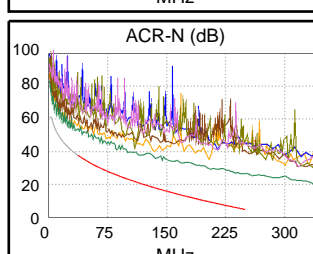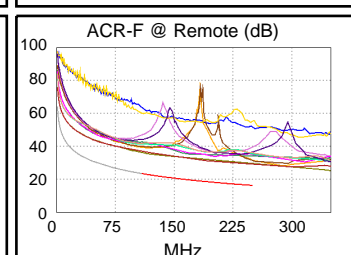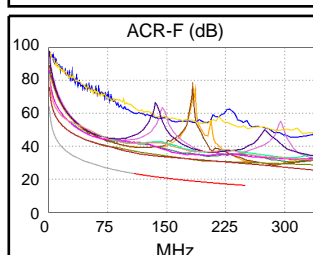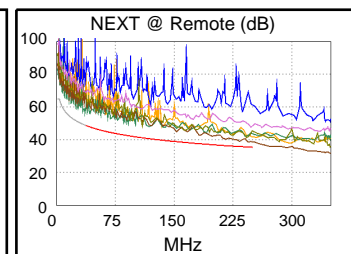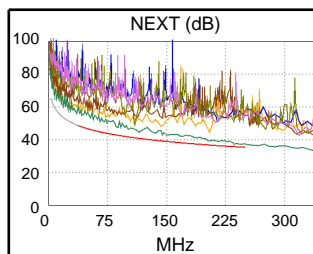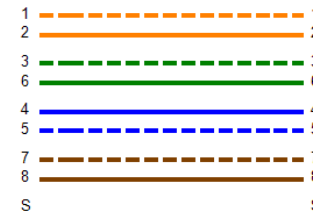
Cable ID: TRC-053

Test Summary: PASS

Test Limit: ISO11801 PL Class E
Limits Version: 1.9500
Date / Time: 03/31/2020 02:28:50 PM
Operator: PAUL CUMMINGS
Headroom 2.4 dB (NEXT 3,6-4,5)
Cable Type: Cat 6 U/UTP
NVP: 69.0%

Main: DTX CableAnalyzer
 S/N: 9441027
 Software Version: 2.7800
 Calibration Date: 01/04/2018
 Adapter: DTX-PLA002
 S/N: MCRYNXB

Remote: DTX CableAnalyzer
 S/N: 9441026
 Software Version: 2.7800
 Calibration Date: 01/04/2018
 Adapter: DTX-PLA002
 S/N: MCRYV3W

Length (ft)	[Pair 7,8]	89
Prop. Delay (ns), Limit 498	[Pair 4,5]	140
Delay Skew (ns), Limit 44	[Pair 4,5]	9
Resistance (ohms), Limit 21.0	[Pair 1,2]	4.4
Insertion Loss Margin (dB)	[Pair 3,6]	21.7
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	30.7

89 ft

Wire Map (T568B)
PASS

Insertion Loss (dB)

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	4.9	2.4	6.2	2.6
Freq. (MHz)	65.8	214.5	246.5	250.0
Limit (dB)	44.8	36.4	35.4	35.3
Worst Pair	1,2	3,6	4,5	3,6
PS NEXT (dB)	5.0	2.7	8.4	2.7
Freq. (MHz)	65.8	250.0	246.5	250.0
Limit (dB)	42.3	32.7	32.8	32.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	4,5-3,6
ACR-F (dB)	10.4	10.6	10.8	10.9
Freq. (MHz)	224.5	224.5	249.5	250.0
Limit (dB)	17.2	17.2	16.2	16.2
Worst Pair	3,6	4,5	4,5	4,5
PS ACR-F (dB)	12.6	12.0	12.8	12.2
Freq. (MHz)	235.0	224.5	250.0	246.5
Limit (dB)	13.8	14.2	13.2	13.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	15.4	16.5	28.0	24.5
Freq. (MHz)	65.8	66.0	246.5	250.0
Limit (dB)	30.0	29.9	5.0	4.7
Worst Pair	1,2	1,2	4,5	3,6
PS ACR-N (dB)	15.6	16.5	30.2	24.4
Freq. (MHz)	65.8	66.0	246.5	250.0
Limit (dB)	27.5	27.4	2.4	2.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	1,2	4,5	7,8
RL (dB)	6.9	5.2	9.1	7.3
Freq. (MHz)	34.0	119.0	207.5	199.0
Limit (dB)	18.3	13.2	10.8	11.0

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		

NEXT (dB)

NEXT @ Remote (dB)

ACR-F (dB)

ACR-F @ Remote (dB)

ACR-N (dB)

ACR-N @ Remote (dB)

RL (dB)

RL @ Remote (dB)

LinkWare™ PC Version 10.5

Project: Stoke Longton ARC
Untitled4

Site: STOKE
Page 7

FLUKE
networks

LINKWARE™ PC
CABLE TEST MANAGEMENT SOFTWARE
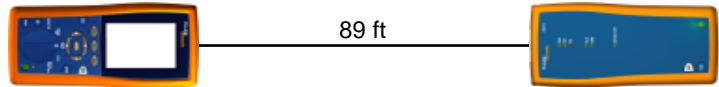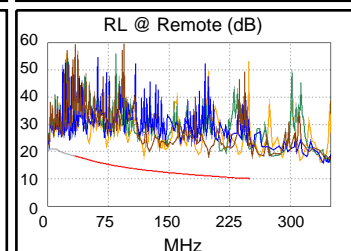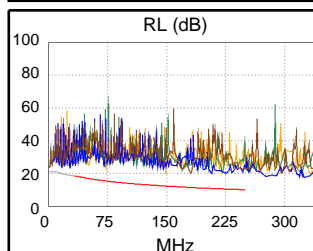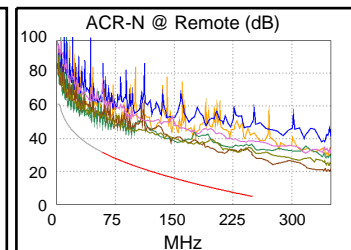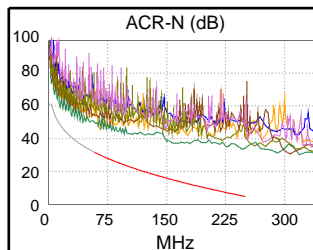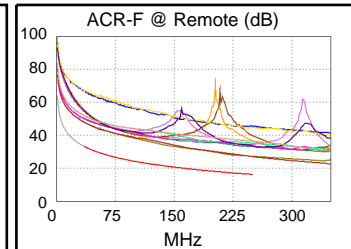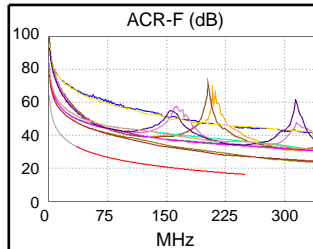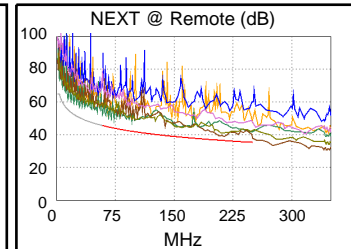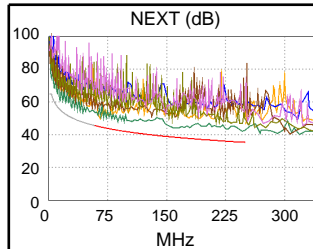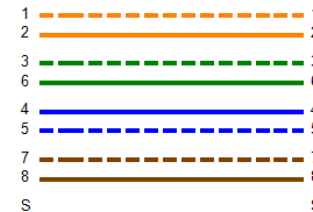
Cable ID: TRC-054

Test Limit: ISO11801 PL Class E
Limits Version: 1.9500
Date / Time: 03/31/2020 02:29:05 PM
Operator: PAUL CUMMINGS
Headroom 1.0 dB (NEXT 3,6-4,5)
Cable Type: Cat 6 U/UTP
NVP: 69.0%

Test Summary: PASS

Main: DTX CableAnalyzer
  S/N: 9441027
  Software Version: 2.7800
  Calibration Date: 01/04/2018
  Adapter: DTX-PLA002
  S/N: MCRYNXB

Remote: DTX CableAnalyzer
  S/N: 9441026
  Software Version: 2.7800
  Calibration Date: 01/04/2018
  Adapter: DTX-PLA002
  S/N: MCRYV3W

Length (ft)	[Pair 7,8]	90
Prop. Delay (ns), Limit 498	[Pair 4,5]	141
Delay Skew (ns), Limit 44	[Pair 4,5]	8
Resistance (ohms), Limit 21.0	[Pair 1,2]	4.5
Insertion Loss Margin (dB)	[Pair 3,6]	21.7
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	30.7

90 ft

Wire Map (T568B)
PASS

Insertion Loss (dB)

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	7.4	1.0	7.4	1.0
Freq. (MHz)	239.0	210.0	239.0	210.0
Limit (dB)	35.7	36.6	35.7	36.6
Worst Pair	3,6	4,5	1,2	3,6
PS NEXT (dB)	8.8	2.7	9.5	3.1
Freq. (MHz)	109.5	210.0	238.5	245.5
Limit (dB)	38.7	34.0	33.0	32.8
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	4,5-3,6
ACR-F (dB)	11.7	11.8	12.2	12.1
Freq. (MHz)	159.0	170.5	249.0	249.0
Limit (dB)	20.2	19.6	16.3	16.3
Worst Pair	3,6	4,5	4,5	4,5
PS ACR-F (dB)	13.3	12.7	13.7	13.6
Freq. (MHz)	106.0	208.5	246.5	249.0
Limit (dB)	20.7	14.8	13.4	13.3
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	19.1	16.6	28.8	22.7
Freq. (MHz)	59.0	70.0	239.0	231.5
Limit (dB)	31.6	29.1	5.8	6.5
Worst Pair	3,6	4,5	1,2	3,6
PS ACR-N (dB)	19.9	16.6	30.8	24.8
Freq. (MHz)	54.8	62.5	238.5	249.5
Limit (dB)	30.2	28.2	3.2	2.1
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	7,8
RL (dB)	6.8	5.8	8.3	5.8
Freq. (MHz)	73.3	190.0	231.5	190.0
Limit (dB)	15.4	11.2	10.4	11.2
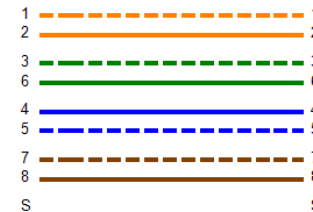
Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		

NEXT (dB)

NEXT @ Remote (dB)

ACR-F (dB)

ACR-F @ Remote (dB)

ACR-N (dB)

ACR-N @ Remote (dB)

RL (dB)

RL @ Remote (dB)

FLUKE networks

LinkWare™ PC
CABLE TEST MANAGEMENT SOFTWARE
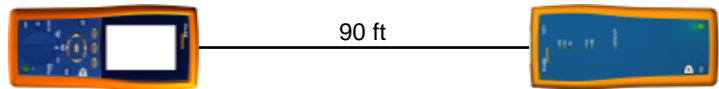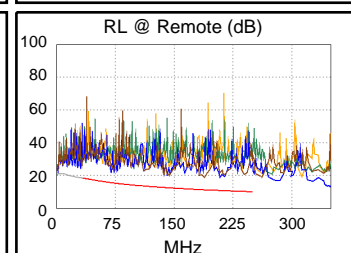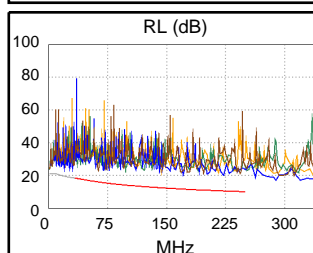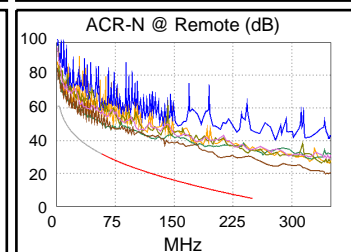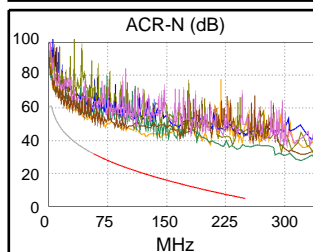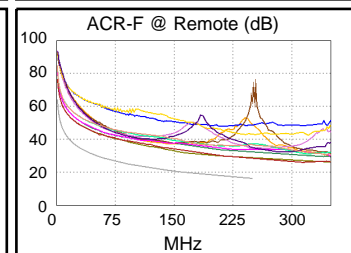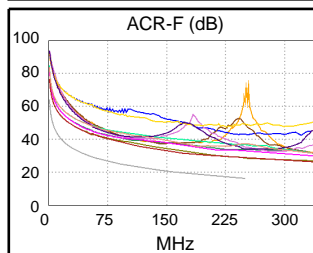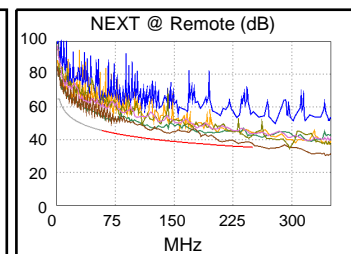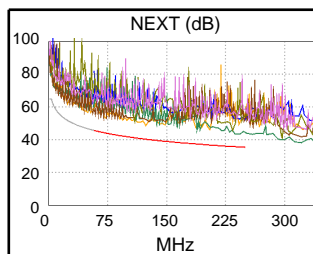
Cable ID: TRC-055

Test Summary: PASS

Test Limit: ISO11801 PL Class E
Limits Version: 1.9500
Date / Time: 03/31/2020 02:29:31 PM
Operator: PAUL CUMMINGS
Headroom 3.6 dB (NEXT 3,6-4,5)
Cable Type: Cat 6 U/UTP
NVP: 69.0%

Main: DTX CableAnalyzer
  S/N: 9441027
  Software Version: 2.7800
  Calibration Date: 01/04/2018
  Adapter: DTX-PLA002
  S/N: MCRYNXB

Remote: DTX CableAnalyzer
  S/N: 9441026
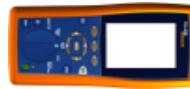 Software Version: 2.7800
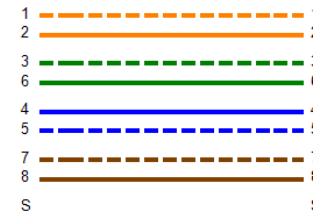 Calibration Date: 01/04/2018
  Adapter: DTX-PLA002
  S/N: MCRYV3W

Length (ft)	[Pair 7,8]	79
Prop. Delay (ns), Limit 498	[Pair 4,5]	124
Delay Skew (ns), Limit 44	[Pair 4,5]	7
Resistance (ohms), Limit 21.0	[Pair 1,2]	4.0
Insertion Loss Margin (dB)	[Pair 3,6]	22.7
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	30.7

79 ft

Wire Map (T568B)
PASS

Insertion Loss (dB)

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	6.9	3.6	6.9	3.6
Freq. (MHz)	231.5	225.0	231.5	225.0
Limit (dB)	35.9	36.1	35.9	36.1
Worst Pair	1,2	4,5	1,2	4,5
PS NEXT (dB)	8.4	4.7	8.4	4.7
Freq. (MHz)	223.0	248.5	223.0	248.5
Limit (dB)	33.5	32.7	33.5	32.7
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	11.6	11.8	11.6	11.8
Freq. (MHz)	222.5	222.0	250.0	250.0
Limit (dB)	17.2	17.3	16.2	16.2
Worst Pair	3,6	4,5	3,6	4,5
PS ACR-F (dB)	13.0	12.9	13.4	13.2
Freq. (MHz)	102.5	214.0	249.5	250.0
Limit (dB)	21.0	14.6	13.2	13.2
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	21.1	20.0	28.8	27.5
Freq. (MHz)	92.8	78.0	231.5	250.0
Limit (dB)	24.6	27.4	6.5	4.7
Worst Pair	3,6	1,2	1,2	4,5
PS ACR-N (dB)	21.5	20.9	30.6	27.5
Freq. (MHz)	75.0	73.5	231.5	249.5
Limit (dB)	25.5	25.8	3.9	2.1
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2	7,8	4,5	7,8
RL (dB)	4.9	5.2	8.1	5.4
Freq. (MHz)	70.3	55.3	221.5	202.0
Limit (dB)	15.5	16.6	10.5	10.9

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		

NEXT (dB)

NEXT @ Remote (dB)

ACR-F (dB)

ACR-F @ Remote (dB)

ACR-N (dB)

ACR-N @ Remote (dB)

RL (dB)

RL @ Remote (dB)

LinkWare™ PC Version 10.5

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CABLE TEST MANAGEMENT SOFTWARE
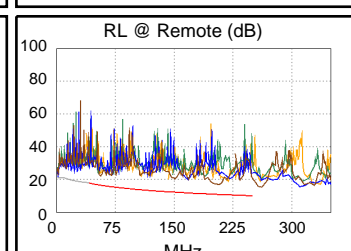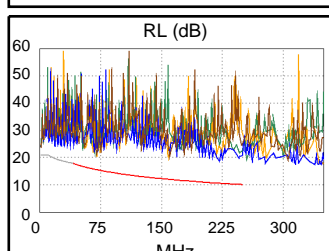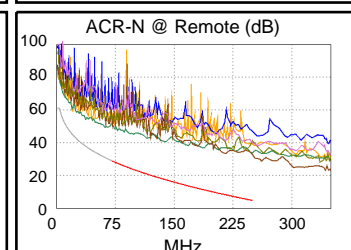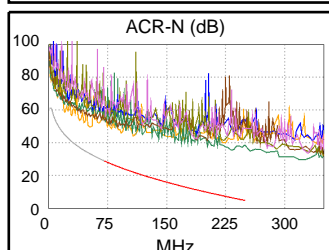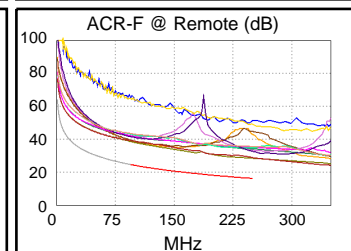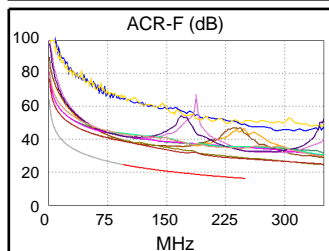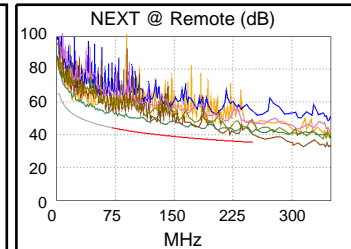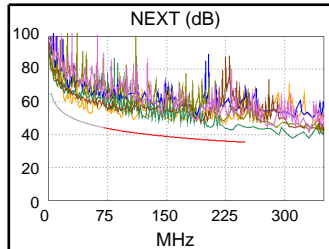
Cable ID: TRC-056

Test Summary: PASS

Test Limit: ISO11801 PL Class E
Limits Version: 1.9500
Date / Time: 03/31/2020 02:29:45 PM
Operator: PAUL CUMMINGS
Headroom 3.5 dB (NEXT 3,6-4,5)
Cable Type: Cat 6 U/UTP
NVP: 69.0%

Main: DTX CableAnalyzer
 S/N: 9441027
 Software Version: 2.7800
 Calibration Date: 01/04/2018
 Adapter: DTX-PLA002
 S/N: MCRYNXB

Remote: DTX CableAnalyzer
 S/N: 9441026
 Software Version: 2.7800
 Calibration Date: 01/04/2018
 Adapter: DTX-PLA002
 S/N: MCRYV3W

Length (ft)	[Pair 7,8]	80
Prop. Delay (ns), Limit 498	[Pair 4,5]	125
Delay Skew (ns), Limit 44	[Pair 4,5]	7
Resistance (ohms), Limit 21.0	[Pair 1,2]	4.0
Insertion Loss Margin (dB)	[Pair 3,6]	22.6
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	30.7

80 ft

Wire Map (T568B)
PASS

Insertion Loss (dB)

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	5.7	3.5	5.7	3.8
Freq. (MHz)	237.5	227.5	237.5	247.5
Limit (dB)	35.7	36.0	35.7	35.4
Worst Pair	1,2	3,6	1,2	3,6
PS NEXT (dB)	7.6	3.1	7.6	3.1
Freq. (MHz)	237.5	250.0	237.5	250.0
Limit (dB)	33.1	32.7	33.1	32.7
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	3,6-4,5	4,5-3,6
ACR-F (dB)	11.9	12.0	12.6	12.3
Freq. (MHz)	155.5	161.0	248.5	249.0
Limit (dB)	20.4	20.1	16.3	16.3
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	12.9	12.8	13.1	13.2
Freq. (MHz)	239.5	216.0	247.5	249.0
Limit (dB)	13.6	14.5	13.3	13.3
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	3,6-7,8	1,2-4,5	3,6-4,5
ACR-N (dB)	22.7	20.6	27.9	26.5
Freq. (MHz)	68.5	108.0	237.5	247.5
Limit (dB)	29.4	22.0	5.9	4.9
Worst Pair	1,2	1,2	1,2	3,6
PS ACR-N (dB)	23.0	21.0	29.8	25.7
Freq. (MHz)	84.5	84.5	237.5	250.0
Limit (dB)	23.6	23.6	3.3	2.0
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	1,2	4,5	7,8
RL (dB)	6.8	6.5	8.3	7.0
Freq. (MHz)	45.0	116.5	227.5	175.0
Limit (dB)	17.5	13.3	10.4	11.6

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		

NEXT (dB)

NEXT @ Remote (dB)

ACR-F (dB)

ACR-F @ Remote (dB)

ACR-N (dB)

ACR-N @ Remote (dB)

RL (dB)

RL @ Remote (dB)

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