Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
CAT5E	PASS	TIA Cat 5e Channel	1 ft	32.0 dB (NEXT)	11/23/2021 05:10 PM
CAT6	PASS	TIA Cat 6 Channel	6 ft	11.0 dB (NEXT)	11/23/2021 05:12 PM

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Total Length:	7 ft
Number of Reports:	2
Number of Passing Reports:	2
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0

Cable ID: CAT5E

Test Limit: TIA Cat 5e Channel
Limits Version: 1.9300
Date / Time: 11/23/2021 05:10:20 PM
Operator: A
Headroom 32.0 dB (NEXT 1,2-3,6)
Cable Type: Cat 5e FTP
NVP: 69.0%

Main: DTX CableAnalyzer
 S/N: 8727070
 Software Version: 2.7400
 Calibration Date: 05/10/2006
 Adapter: DTX-CHA001
 S/N: MBGSJDF

Test Summary: PASS

Remote: DTX CableAnalyzer
 S/N: 8727069
 Software Version: 2.7400
 Calibration Date: 05/10/2006
 Adapter: DTX-CHA001
 S/N: MBG1SUS

Length (ft), Limit 328	[Pair 1,2]	1
Prop. Delay (ns), Limit 555	[Pair 1,2]	2
Delay Skew (ns), Limit 50	[Pair 1,2]	0
Resistance (ohms)	[Pair 3,6]	0.5
Insertion Loss Margin (dB)	[Pair 1,2]	17.6
Frequency (MHz)	[Pair 1,2]	57.0
Limit (dB)	[Pair 1,2]	17.7

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-7,8	3,6-7,8
NEXT (dB)	32.0	32.8	44.9	46.2
Freq. (MHz)	1.6	1.5	95.8	98.3
Limit (dB)	59.9	60.0	30.4	30.2
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	33.0	32.5	43.9	46.1
Freq. (MHz)	1.5	1.5	75.0	98.3
Limit (dB)	57.0	57.0	29.2	27.2
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)	29.4	29.4	29.7	29.7
Freq. (MHz)	74.5	74.5	99.0	99.0
Limit (dB)	20.0	20.0	17.5	17.5
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	27.3	27.2	31.0	31.1
Freq. (MHz)	1.0	1.0	99.0	97.8
Limit (dB)	54.4	54.4	14.5	14.6
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-7,8	3,6-7,8
ACR-N (dB)	35.0	35.8	68.3	70.0
Freq. (MHz)	1.6	1.5	95.8	98.3
Limit (dB)	56.9	57.0	7.0	6.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	36.0	35.5	64.4	69.9
Freq. (MHz)	1.5	1.5	75.0	98.3
Limit (dB)	54.0	54.0	8.7	3.4
N/A	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	4,5	4,5
RL (dB)	10.4	9.9	14.3	16.5
Freq. (MHz)	1.0	1.0	99.0	100.0
Limit (dB)	17.0	17.0	10.1	10.0

Compliant Network Standards:

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

1 ft

Wire Map (T568A)
PASS

Insertion Loss (dB)

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 10.7

LinkWare™ PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID: CAT6

Test Summary: PASS
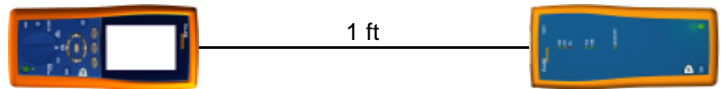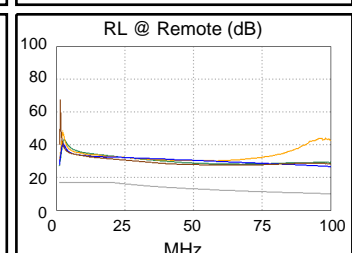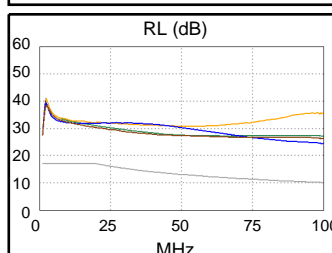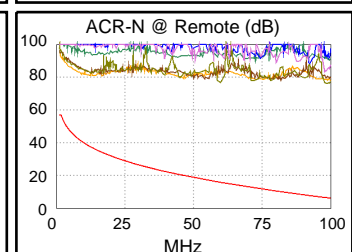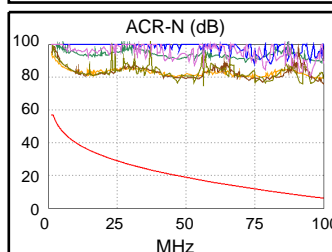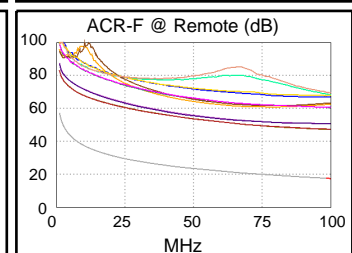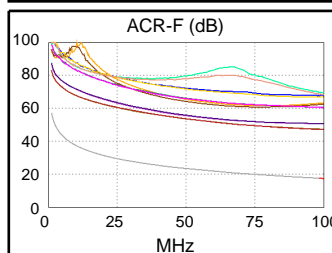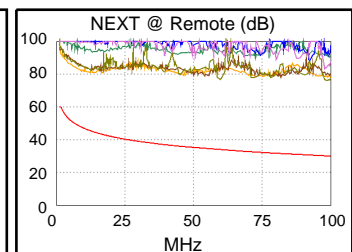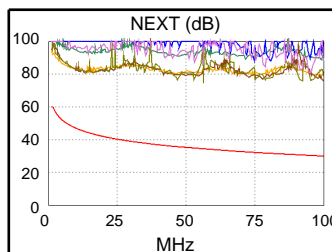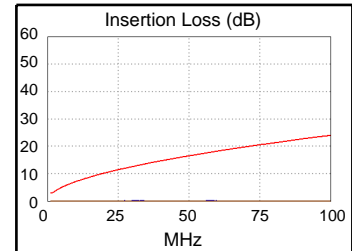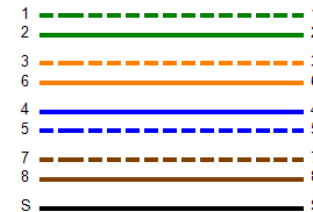
Test Limit: TIA Cat 6 Channel
Limits Version: 1.9300
Date / Time: 11/23/2021 05:12:13 PM
Operator: A
Headroom 11.0 dB (NEXT 1,2-7,8)
Cable Type: Cat 6 FTP
NVP: 70.0%

Main: DTX CableAnalyzer
 S/N: 8727070
 Software Version: 2.7400
 Calibration Date: 05/10/2006
 Adapter: DTX-CHA001
 S/N: MBGSJDF

Remote: DTX CableAnalyzer
 S/N: 8727069
 Software Version: 2.7400
 Calibration Date: 05/10/2006
 Adapter: DTX-CHA001
 S/N: MBG1SUS

Length (ft), Limit 328	[Pair 1,2]	6
Prop. Delay (ns), Limit 555	[Pair 1,2]	9
Delay Skew (ns), Limit 50	[Pair 1,2]	0
Resistance (ohms)	[Pair 1,2]	30.0
Insertion Loss Margin (dB)	[Pair 1,2]	34.7
Frequency (MHz)	[Pair 1,2]	250.0
Limit (dB)	[Pair 1,2]	35.9

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-3,6	3,6-4,5
NEXT (dB)	11.1	11.0	27.4	26.0
Freq. (MHz)	5.8	5.8	248.5	224.0
Limit (dB)	60.5	60.5	33.2	33.9
Worst Pair	7,8	7,8	1,2	3,6
PS NEXT (dB)	12.9	12.7	29.5	26.5
Freq. (MHz)	5.5	5.6	248.5	224.0
Limit (dB)	58.3	58.1	30.2	31.0
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	21.2	21.7	22.5	22.6
Freq. (MHz)	22.4	22.6	249.0	249.0
Limit (dB)	36.3	36.2	15.3	15.3
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-F (dB)	16.7	16.4	23.6	22.9
Freq. (MHz)	1.0	1.0	250.0	246.0
Limit (dB)	60.3	60.3	12.3	12.4
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-7,8	1,2-3,6	3,6-7,8
ACR-N (dB)	14.9	14.8	62.4	60.7
Freq. (MHz)	5.5	5.5	248.5	242.0
Limit (dB)	56.1	56.1	-2.7	-1.9
Worst Pair	7,8	7,8	1,2	3,6
PS ACR-N (dB)	16.6	16.4	64.1	59.3
Freq. (MHz)	5.5	5.3	248.5	224.0
Limit (dB)	53.6	54.0	-5.6	-2.7
N/A	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	-0.5	-0.7	-0.5	0.3
Freq. (MHz)	4.1	3.9	4.1	16.8
Limit (dB)	19.0	19.0	19.0	17.9

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		

6 ft

Wire Map (T568A)
PASS

Insertion Loss (dB)

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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