

Cable ID CROSS	Summary FAIL	Test Limit TIA Cat 6 Channel	Length 91 ft	Headroom -4.0 dB (NEXT)	Date / Time 11/23/2021 05:15 PM
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Total Length:	91 ft
Number of Reports:	1
Number of Passing Reports:	0
Number of Failing Reports:	1
Number of Warning Reports:	0
Documentation Only:	0

Cable ID: CROSS

Test Limit: TIA Cat 6 Channel

Limits Version: 1.9300

Date / Time: 11/23/2021 05:15:57 PM

Operator: A

Headroom -4.0 dB (NEXT 3,6-4,5)

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

Test Summary: FAIL

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 7,8]	91
Prop. Delay (ns), Limit 555	[Pair 4,5]	135
Delay Skew (ns), Limit 50	[Pair 4,5]	3
Resistance (ohms)	[Pair 3,6]	24.3
Insertion Loss Margin (dB)	[Pair 1,2]	-69.8 F
Frequency (MHz)	[Pair 1,2]	1.0
Limit (dB)	[Pair 1,2]	3.0

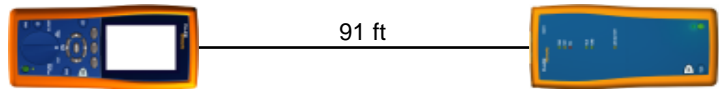
Worst Case Margin Worst Case Value

FAIL	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
NEXT (dB)	-4.0 F	-3.0 F	-3.7	-1.8
Freq. (MHz)	202.0	130.5	228.0	243.0
Limit (dB)	34.7	38.0	33.8	33.3
Worst Pair	4,5	4,5	3,6	3,6
PS NEXT (dB)	-2.3 F	-1.6 F	-1.9	-1.5
Freq. (MHz)	202.0	130.5	236.5	225.5
Limit (dB)	31.8	35.1	30.6	30.9

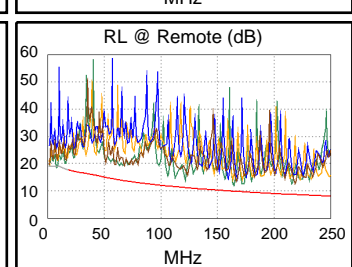
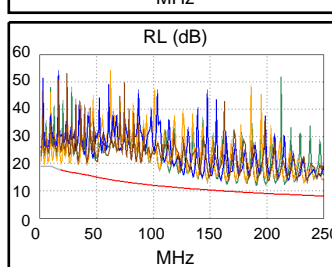
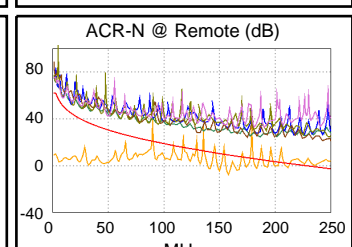
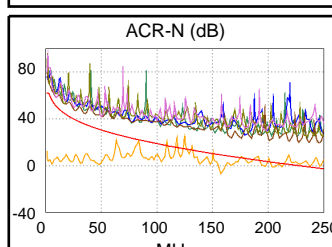
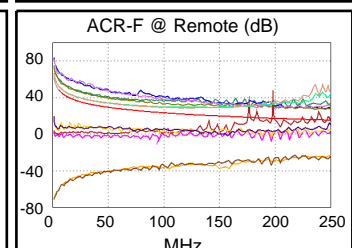
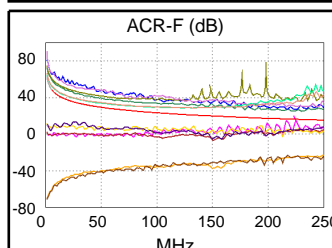
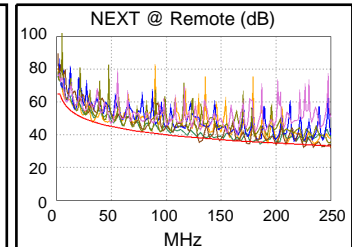
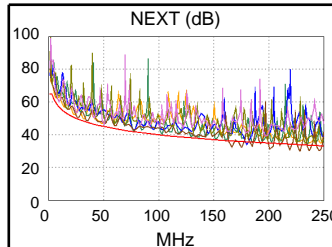
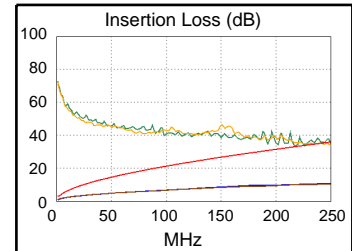
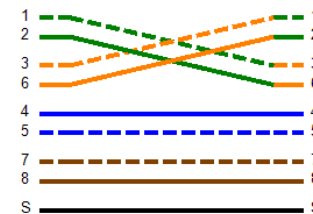
FAIL	MAIN	SR	MAIN	SR
Worst Pair	3,6-1,2	3,6-1,2	3,6-1,2	3,6-1,2
ACR-F (dB)	-135.1 F	-134.9 F	-135.1	-134.9
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	63.3	63.3	63.3	63.3
Worst Pair	1,2	3,6	1,2	3,6
PS ACR-F (dB)	-132.1 F	-132.1 F	-132.1	-132.1
Freq. (MHz)	1.0	1.0	1.0	1.0
Limit (dB)	60.3	60.3	60.3	60.3

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-3,6	1,2-3,6
ACR-N (dB)	-58.4	-53.2	-16.5	-17.0
Freq. (MHz)	2.0	1.0	158.0	158.0
Limit (dB)	62.0	62.0	9.0	9.0
Worst Pair	1,2	1,2	3,6	3,6
PS ACR-N (dB)	-59.5	-59.2	-18.4	-18.7
Freq. (MHz)	2.0	1.1	157.5	150.0
Limit (dB)	59.0	59.0	6.2	7.3

FAIL	MAIN	SR	MAIN	SR
Worst Pair	3,6	1,2	1,2	1,2
RL (dB)	1.4	-0.6 *f	2.8	2.2
Freq. (MHz)	7.5	7.9	190.5	172.5
Limit (dB)	19.0	19.0	9.2	9.6



Wire Map (T568A)
FAIL



* Measurement is within the accuracy limits of the instrument.