
Cable ID 1A/8A-D.13	Summary PASS	Test Limit TIA Cat 5e Channel	Length 79.6 m	Headroom 9.3 dB (NEXT)	Date / Time 01/16/2023 12:27 PM
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Total Length:	79.6 m
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: 1A/8A-D.13

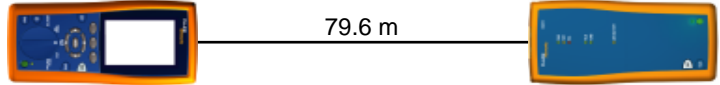
Date / Time: 01/16/2023 12:27:07 PM
Headroom 9.3 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e U/UTP
 Calibration Date: 05/26/2020

Operator: ISECTOR
 Software Version: 2.7800
 Limits Version: 1.9500
 NVP: 69.0%

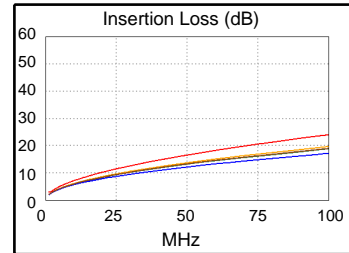
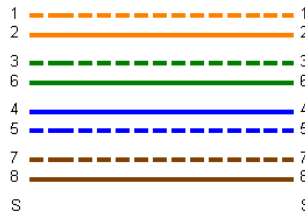
Test Summary: PASS

Model: DTX-1800
 Main S/N: 2227025
 Remote S/N: 2227026
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (m), Limit 100.0	[Pair 45]	79.6
Prop. Delay (ns), Limit 555	[Pair 12]	397
Delay Skew (ns), Limit 50	[Pair 12]	12
Resistance (ohms)	[Pair 12]	20.8
Insertion Loss Margin (dB)	[Pair 12]	4.3
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

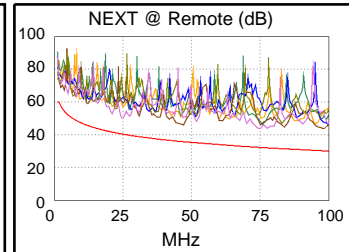
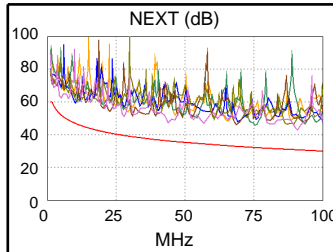


Wire Map (T568B)
PASS

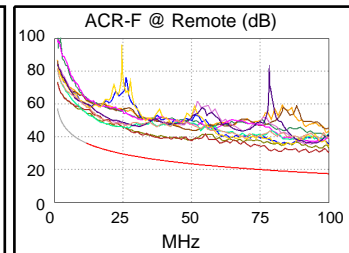
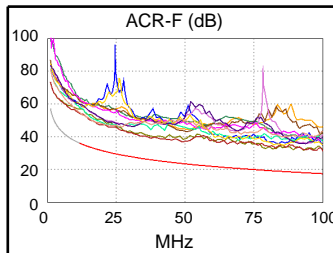


Worst Case Margin Worst Case Value

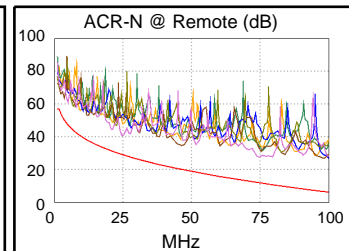
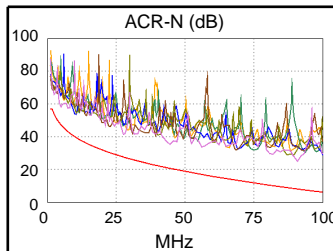
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	45-78
NEXT (dB)	9.9	9.3	12.1	11.4
Freq. (MHz)	4.6	24.6	90.8	74.3
Limit (dB)	52.5	40.5	30.8	32.3
Worst Pair	78	45	78	45
PS NEXT (dB)	11.9	11.3	13.9	11.5
Freq. (MHz)	2.3	46.8	90.8	75.3
Limit (dB)	54.6	32.7	27.8	29.2



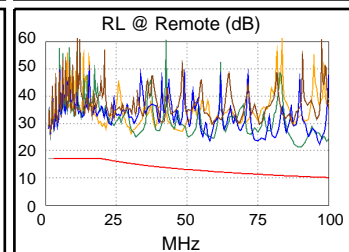
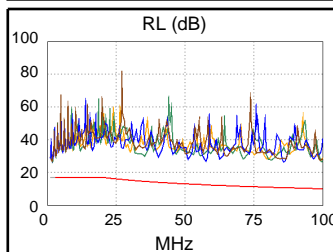
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	45-36	45-36
ACR-F (dB)	13.2	11.8	13.2	12.2
Freq. (MHz)	37.5	82.5	97.0	93.0
Limit (dB)	25.9	19.1	17.7	18.0
Worst Pair	36	45	36	45
PS ACR-F (dB)	15.2	14.8	15.3	14.8
Freq. (MHz)	93.5	37.5	97.0	97.0
Limit (dB)	15.0	22.9	14.7	14.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	45-78	12-78
ACR-N (dB)	10.7	11.4	17.0	20.7
Freq. (MHz)	4.6	24.6	90.8	100.0
Limit (dB)	47.7	29.1	8.0	6.1
Worst Pair	78	36	78	36
PS ACR-N (dB)	12.4	12.7	18.8	20.3
Freq. (MHz)	2.3	2.1	90.8	96.3
Limit (dB)	51.3	51.8	5.0	3.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	36
RL (dB)	12.2	10.0	14.4	10.5
Freq. (MHz)	3.0	31.8	63.0	88.5
Limit (dB)	17.0	15.0	12.0	10.5



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