



Cable ID: 70647

Date / Time: 01/09/2018 11:16:08 AM

Headroom 3.3 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Software Version: V5.2 Build 1

Limits Version: V6.1

Calibration Start Date:

Main (Module): 06/29/2017

Remote (Module): 06/29/2017

Test Summary: PASS

Model: DSX-5000

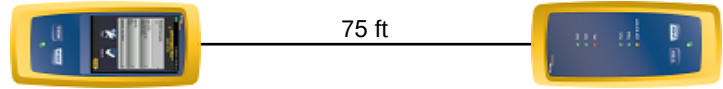
Main S/N: 3716097

Remote S/N: 3759055

Main Adapter: DSX-CHA004

Remote Adapter: DSX-CHA004

Length (ft), Limit 328	[Pair 78]	75
Prop. Delay (ns), Limit 555	[Pair 36]	117
Delay Skew (ns), Limit 50	[Pair 36]	5
Resistance (ohms)	[Pair 36]	3.84
Insertion Loss Margin (dB)	[Pair 78]	28.0
Frequency (MHz)	[Pair 78]	247.5
Limit (dB)	[Pair 78]	35.7

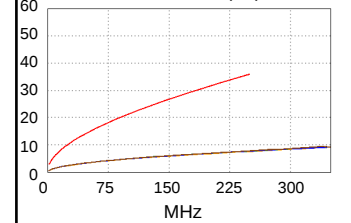


Wire Map (T568B)

PASS

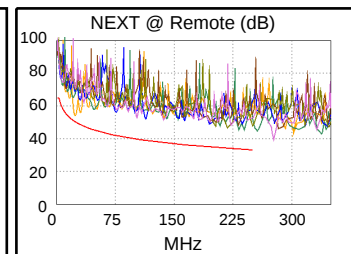
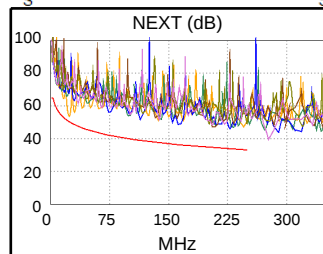


Insertion Loss (dB)

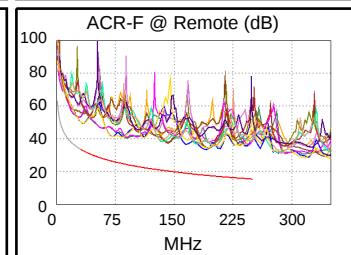
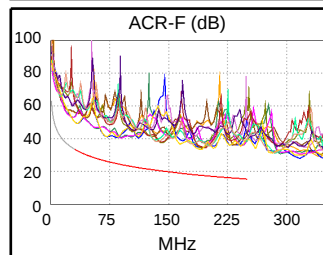


Worst Case Margin Worst Case Value

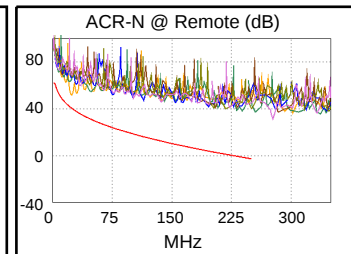
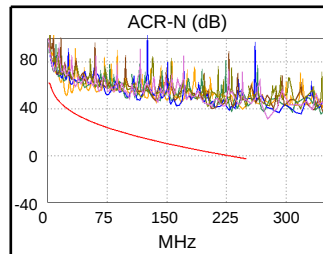
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-45	12-45
NEXT (dB)	3.3	3.7	11.6	11.9
Freq. (MHz)	23.5	23.9	231.5	239.0
Limit (dB)	50.5	50.4	33.7	33.5
Worst Pair	12	12	45	45
PS NEXT (dB)	5.7	6.0	11.8	12.6
Freq. (MHz)	23.5	23.6	207.0	232.5
Limit (dB)	47.8	47.8	31.6	30.7



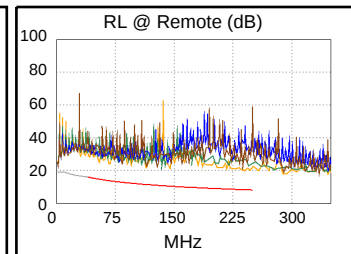
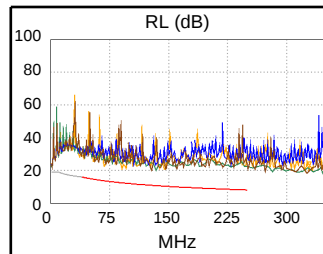
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	78-12	12-78
ACR-F (dB)	14.9	15.0	15.7	15.5
Freq. (MHz)	70.8	70.8	190.5	190.5
Limit (dB)	26.3	26.3	17.7	17.7
Worst Pair	45	12	45	45
PS ACR-F (dB)	16.7	16.8	16.7	16.8
Freq. (MHz)	194.5	73.3	194.5	196.5
Limit (dB)	14.5	23.0	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	12-45	12-45
ACR-N (dB)	10.8	11.2	38.6	39.4
Freq. (MHz)	23.5	23.6	231.5	239.0
Limit (dB)	40.7	40.6	-0.7	-1.5
Worst Pair	12	12	12	45
PS ACR-N (dB)	13.2	13.6	40.0	39.6
Freq. (MHz)	23.4	23.8	231.0	232.5
Limit (dB)	38.1	37.9	-3.5	-3.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	12	78	12
RL (dB)	8.6	9.7	9.0	10.0
Freq. (MHz)	68.5	67.8	129.0	248.5
Limit (dB)	13.6	13.7	10.9	8.0



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	