



**Cable ID: CAT6-SFTP-6IN**

Date / Time: 11/09/2018 11:46:09 AM

Headroom 27.4 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 S/FTP

NVP: 70.0%

Operator: KARIM

Software Version: 2.7800

Limits Version: 1.9500

Calibration Date:

Main (Tester): 11/01/2016

Remote (Tester): 11/01/2016

**Test Summary: PASS**

Model: DTX-1800

Main S/N: 3178039

Remote S/N: 3178046

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

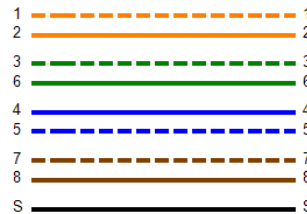
Length (ft), Limit 328	[Pair 12]	0
Prop. Delay (ns), Limit 555	[Pair 12]	0
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.3
Insertion Loss Margin (dB)	[Pair 12]	19.3
Frequency (MHz)	[Pair 12]	84.5
Limit (dB)	[Pair 12]	19.4



0 ft

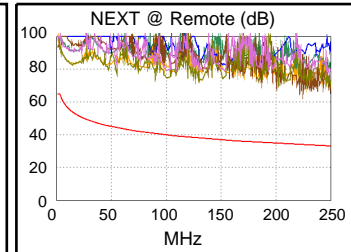
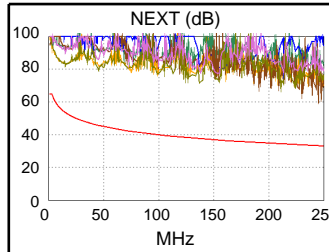


Wire Map (T568B)  
**PASS**

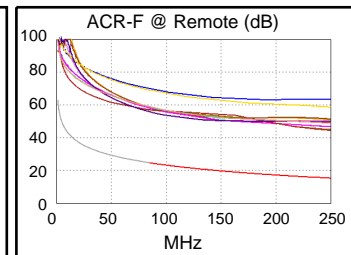
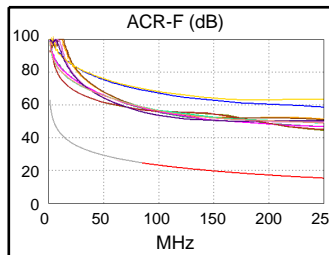


Worst Case Margin Worst Case Value

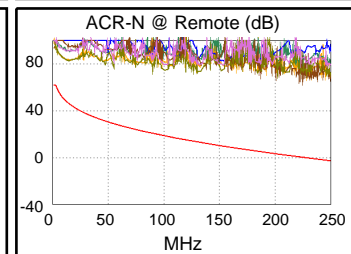
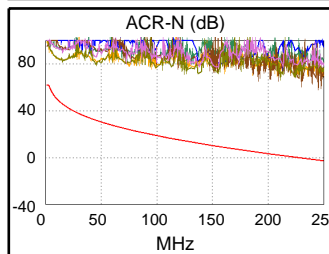
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	36-45	36-45
<b>NEXT (dB)</b>	28.2	27.4	29.0	31.3
Freq. (MHz)	3.0	3.9	245.0	224.5
Limit (dB)	65.0	63.3	33.3	33.9
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	28.0	27.2	31.6	33.3
Freq. (MHz)	8.1	3.9	245.0	224.5
Limit (dB)	55.5	60.8	30.3	31.0



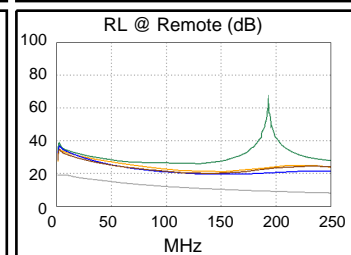
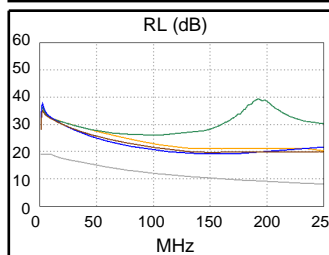
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	29.3	29.3	29.3	29.3
Freq. (MHz)	245.0	245.0	249.5	249.5
Limit (dB)	15.5	15.5	15.3	15.3
Worst Pair	45	45	45	45
<b>PS ACR-F (dB)</b>	29.4	29.5	29.4	29.6
Freq. (MHz)	234.0	226.5	249.5	250.0
Limit (dB)	12.9	13.2	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-N (dB)</b>	31.3	31.3	64.6	65.0
Freq. (MHz)	1.5	1.0	245.0	224.5
Limit (dB)	62.0	62.0	-2.3	0.2
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	31.6	31.2	67.1	67.1
Freq. (MHz)	3.0	3.9	245.0	224.5
Limit (dB)	58.5	56.8	-5.2	-2.8



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	12	45	45
<b>RL (dB)</b>	8.4	8.2	8.6	9.2
Freq. (MHz)	116.0	1.0	144.0	153.5
Limit (dB)	11.4	19.0	10.4	10.1



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	