



**Cable ID: CAT5E-UTP-6FT**

Date / Time: 10/13/2018 11:22:43 AM

Headroom 32.6 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

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

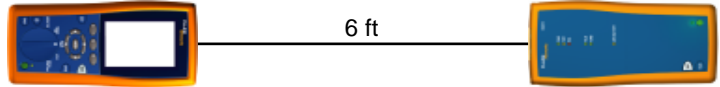
Main S/N: 3178039

Remote S/N: 3178046

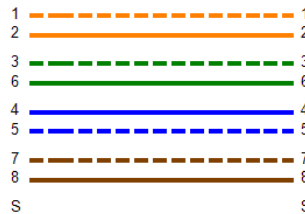
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	6
Prop. Delay (ns), Limit 555	[Pair 12]	9
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 45]	0.5
Insertion Loss Margin (dB)	[Pair 12]	23.6
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

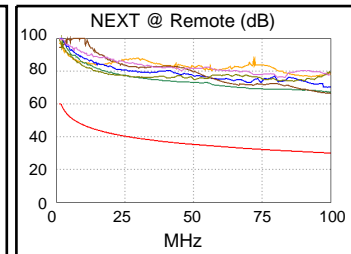
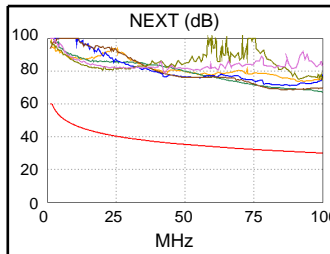


Wire Map (T568B)  
**PASS**

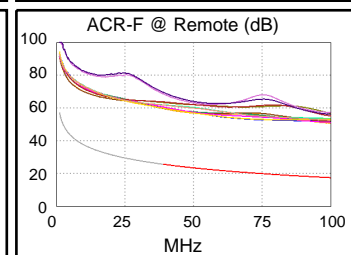
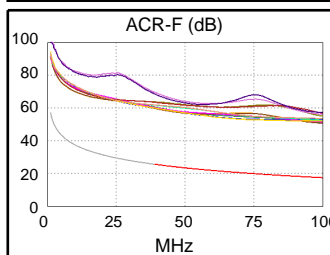


Worst Case Margin Worst Case Value

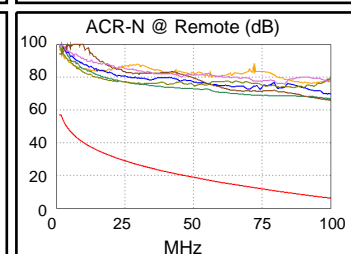
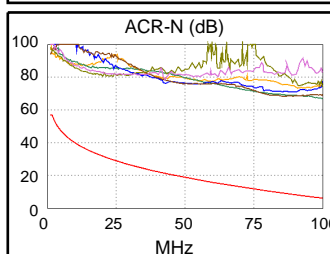
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	36-45
<b>NEXT (dB)</b>	33.2	32.6	37.2	36.4
Freq. (MHz)	1.3	1.3	100.0	99.3
Limit (dB)	60.0	60.0	30.1	30.1
Worst Pair	36	36	45	45
<b>PS NEXT (dB)</b>	33.8	33.6	38.1	36.6
Freq. (MHz)	1.5	1.3	100.0	99.3
Limit (dB)	57.0	57.0	27.1	27.1



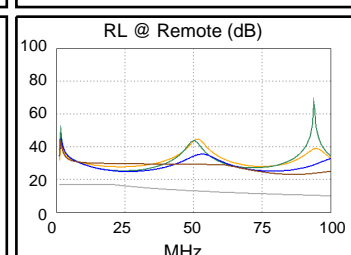
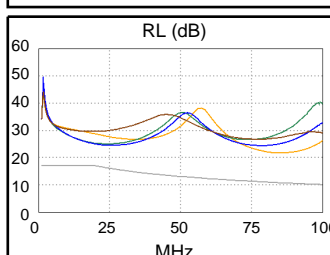
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-78	36-12	12-36
<b>ACR-F (dB)</b>	32.5	32.5	33.3	33.3
Freq. (MHz)	10.0	68.0	99.3	99.3
Limit (dB)	37.4	20.8	17.5	17.5
Worst Pair	12	12	12	12
<b>PS ACR-F (dB)</b>	31.8	31.8	32.2	32.9
Freq. (MHz)	51.5	51.5	99.3	100.0
Limit (dB)	20.2	20.2	14.5	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-45	36-45
<b>ACR-N (dB)</b>	36.0	35.4	60.8	59.9
Freq. (MHz)	1.3	1.3	100.0	99.3
Limit (dB)	57.0	57.0	6.1	6.2
Worst Pair	36	36	45	45
<b>PS ACR-N (dB)</b>	36.7	36.5	61.7	60.1
Freq. (MHz)	1.5	1.3	100.0	99.3
Limit (dB)	54.0	54.0	3.1	3.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	12	78
<b>RL (dB)</b>	7.9	8.4	10.9	12.3
Freq. (MHz)	20.1	19.8	84.0	86.3
Limit (dB)	17.0	17.0	10.8	10.7



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	