



**Cable ID: CAT5E-UTP-4FT**

Date / Time: 10/13/2018 10:40:37 AM

Headroom 31.9 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

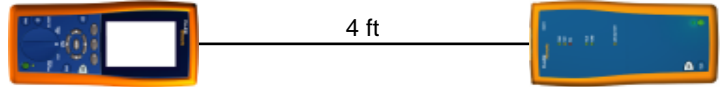
Main S/N: 3178039

Remote S/N: 3178046

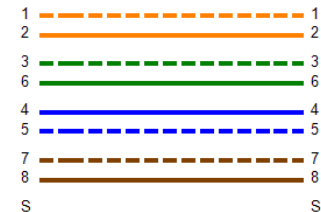
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 12]	4
Prop. Delay (ns), Limit 555	[Pair 12]	6
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.3
Insertion Loss Margin (dB)	[Pair 12]	23.5
Frequency (MHz)	[Pair 12]	98.8
Limit (dB)	[Pair 12]	23.8

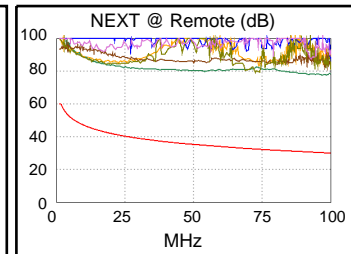
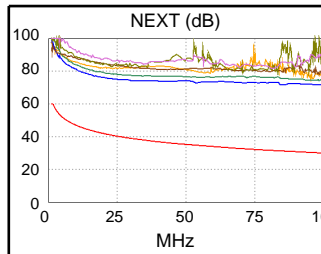


Wire Map (T568B)  
**PASS**

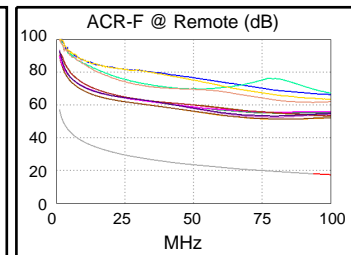
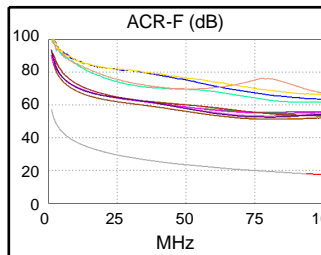


Worst Case Margin Worst Case Value

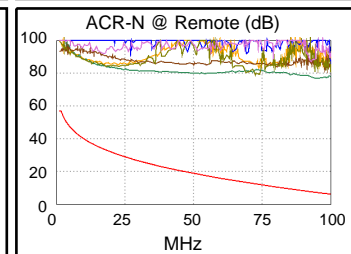
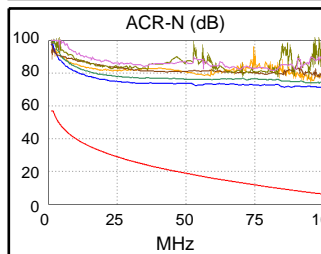
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-45
<b>NEXT (dB)</b>	31.9	33.5	40.4	47.0
Freq. (MHz)	1.3	1.0	86.3	95.3
Limit (dB)	60.0	60.0	31.2	30.4
Worst Pair	36	36	12	45
<b>PS NEXT (dB)</b>	33.5	34.6	41.6	48.9
Freq. (MHz)	1.3	1.4	95.3	94.0
Limit (dB)	57.0	57.0	27.4	27.5



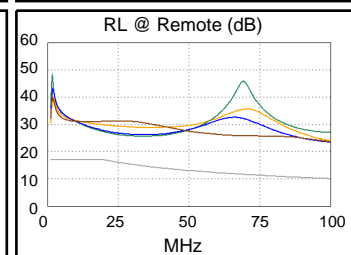
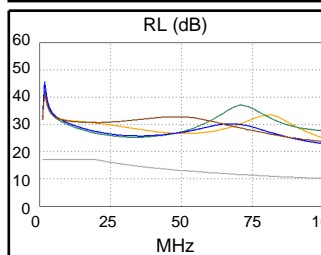
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-12	36-12	12-36
<b>ACR-F (dB)</b>	31.1	31.1	31.7	31.7
Freq. (MHz)	8.6	8.6	78.0	78.0
Limit (dB)	38.7	38.7	19.6	19.6
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	31.2	31.3	31.9	31.8
Freq. (MHz)	8.3	8.3	84.3	81.3
Limit (dB)	36.1	36.1	15.9	16.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	12-78	12-45
<b>ACR-N (dB)</b>	34.7	36.4	64.6	70.0
Freq. (MHz)	1.3	1.0	97.0	95.3
Limit (dB)	57.0	57.0	6.7	7.1
Worst Pair	36	36	12	45
<b>PS ACR-N (dB)</b>	36.4	37.5	64.9	71.8
Freq. (MHz)	1.3	1.4	96.3	94.0
Limit (dB)	54.0	54.0	3.8	4.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36	36	45	45
<b>RL (dB)</b>	9.6	10.1	12.9	13.4
Freq. (MHz)	20.6	21.0	99.3	99.0
Limit (dB)	16.9	16.8	10.0	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	