



**Cable ID: CAT5E-UTP-15FT**

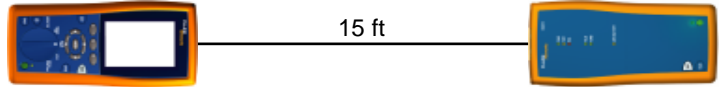
Date / Time: 10/13/2018 11:01:10 AM  
**Headroom 28.1 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e U/UTP  
 NVP: 69.0%

Operator: KARIM  
 Software Version: 2.7800  
 Limits Version: 1.9500  
 Calibration Date:  
 Main (Tester): 11/01/2016  
 Remote (Tester): 11/01/2016

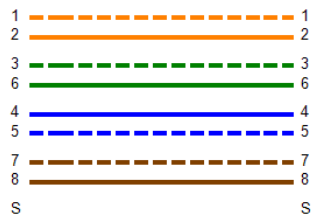
**Test Summary: PASS**

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]	15
Prop. Delay (ns), Limit 555	[Pair 12]	23
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 12]	0.9
Insertion Loss Margin (dB)	[Pair 45]	22.7
Frequency (MHz)	[Pair 45]	100.0
Limit (dB)	[Pair 45]	24.0

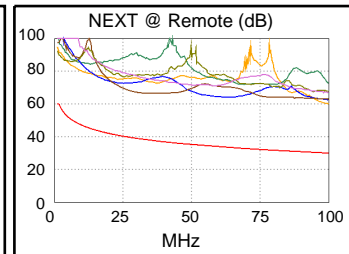
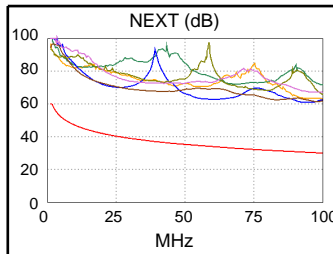


Wire Map (T568B)  
**PASS**

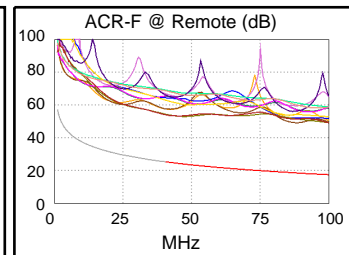
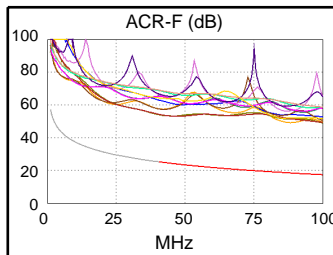


Worst Case Margin Worst Case Value

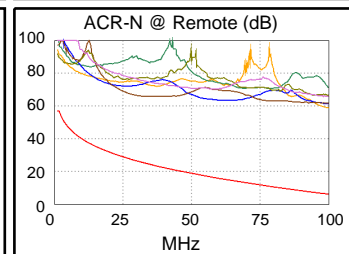
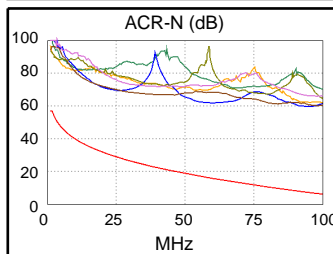
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	36-45	12-78	12-36
<b>NEXT (dB)</b>	28.8	28.1	30.5	30.1
Freq. (MHz)	58.5	29.4	94.0	99.8
Limit (dB)	34.1	39.2	30.5	30.1
Worst Pair	12	36	36	36
<b>PS NEXT (dB)</b>	31.0	30.2	31.4	30.8
Freq. (MHz)	59.3	29.0	99.8	99.8
Limit (dB)	31.0	36.3	27.1	27.1



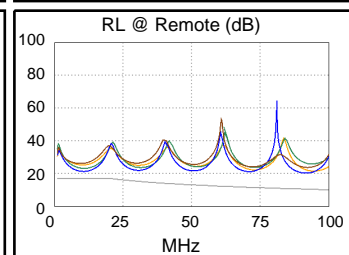
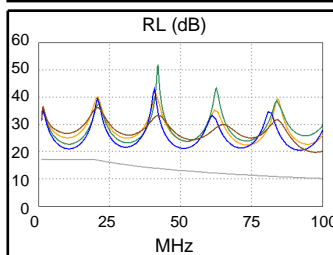
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	45-36	36-45	45-36
<b>ACR-F (dB)</b>	28.7	28.7	31.6	31.7
Freq. (MHz)	41.3	41.3	100.0	100.0
Limit (dB)	25.1	25.1	17.4	17.4
Worst Pair	36	36	36	36
<b>PS ACR-F (dB)</b>	30.1	30.0	32.0	32.2
Freq. (MHz)	40.5	40.0	100.0	100.0
Limit (dB)	22.3	22.4	14.4	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	12-78	12-36
<b>ACR-N (dB)</b>	35.0	32.6	52.5	52.9
Freq. (MHz)	1.8	1.6	94.0	99.8
Limit (dB)	56.4	56.9	7.3	6.1
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	34.6	33.1	54.2	53.6
Freq. (MHz)	1.8	1.6	99.8	99.8
Limit (dB)	53.4	53.9	3.1	3.1



N/A	MAIN	SR	MAIN	SR
Worst Pair	45	45	78	45
<b>RL (dB)</b>	4.0	4.2	9.5	9.8
Freq. (MHz)	10.1	10.1	96.8	91.3
Limit (dB)	17.0	17.0	10.2	10.4



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