



**Cable ID: CYK-CAT6A-UTP-03M01**

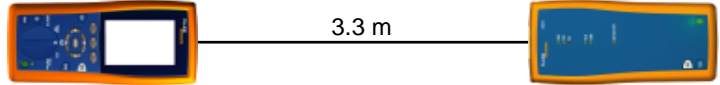
Date / Time: 01/01/2004 12:15:54 AM  
**Headroom 15.6 dB (NEXT 45-78)**  
**Test Limit: TIA Cat 6A Channel**  
 Cable Type: Cat 6A UTP

Operator: yangsl  
 Software Version: 2.7400  
 Limits Version: 1.9300  
 NVP: 68.2%

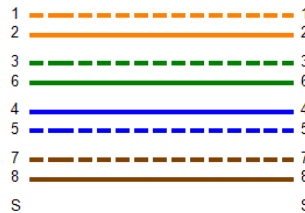
**Test Summary: PASS**

Model: DTX-1800  
 Main S/N: 1250025  
 Remote S/N: 1250026  
 Main Adapter: DTX-CHA002  
 Remote Adapter: DTX-CHA002

Length (m), Limit 100.0	[Pair 12]	3.3
Prop. Delay (ns), Limit 555	[Pair 36]	17
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 36]	8.5
Insertion Loss Margin (dB)	[Pair 45]	44.3
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	49.3

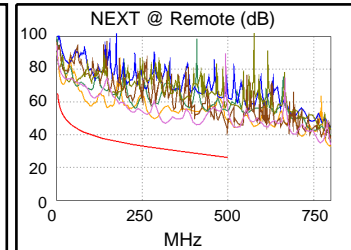
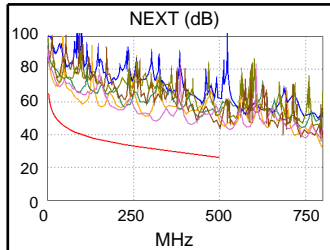


Wire Map (T568B)  
**PASS**

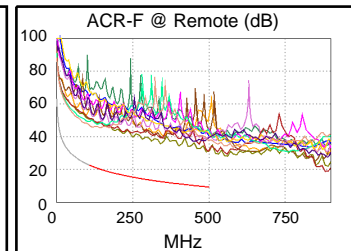
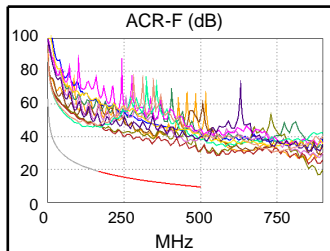


Worst Case Margin Worst Case Value

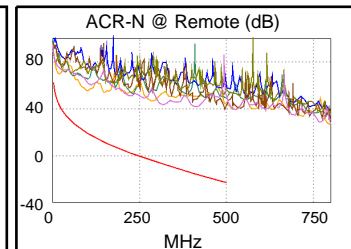
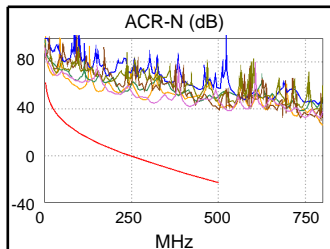
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	36-45	36-45
<b>NEXT (dB)</b>	16.8	15.6	17.9	17.2
Freq. (MHz)	311.0	314.0	499.0	498.0
Limit (dB)	31.5	31.4	26.1	26.1
Worst Pair	36	45	36	36
<b>PS NEXT (dB)</b>	19.2	18.5	19.2	18.8
Freq. (MHz)	3.5	314.0	499.0	498.0
Limit (dB)	61.5	28.4	23.3	23.3



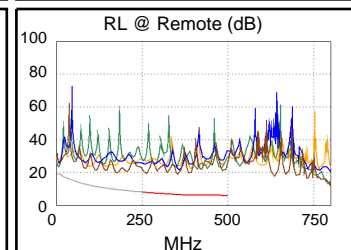
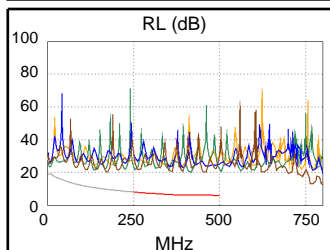
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	36-45	36-45
<b>ACR-F (dB)</b>	21.3	21.0	21.4	21.0
Freq. (MHz)	494.0	494.0	498.0	494.0
Limit (dB)	9.4	9.4	9.3	9.4
Worst Pair	36	45	36	45
<b>PS ACR-F (dB)</b>	23.6	23.5	23.6	23.5
Freq. (MHz)	494.0	494.0	494.0	494.0
Limit (dB)	6.4	6.4	6.4	6.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	36-78	36-45	36-45
<b>ACR-N (dB)</b>	22.6	23.5	62.1	61.4
Freq. (MHz)	3.0	3.1	499.0	498.0
Limit (dB)	61.4	61.1	-23.1	-23.1
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	22.7	23.9	63.9	63.4
Freq. (MHz)	3.4	3.1	499.0	498.0
Limit (dB)	57.9	58.3	-26.0	-25.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
<b>RL (dB)</b>	13.1	11.6	13.1	12.3
Freq. (MHz)	457.0	260.0	457.0	354.0
Limit (dB)	6.0	7.9	6.0	6.5



Compliant Network Standards:  
 10BASE-T      100BASE-TX      100BASE-T4  
 1000BASE-T      10GBASE-T      ATM-25  
 ATM-51      ATM-155      100VG-AnyLan  
 TR-4      TR-16 Active      TR-16 Passive