



**Cable ID: CYK-CAT6A-UTP-15M02**

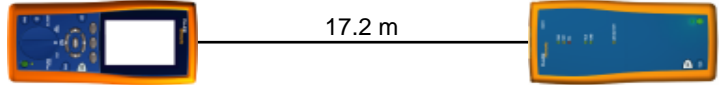
Date / Time: 01/01/2004 12:09:45 AM  
**Headroom 9.4 dB (NEXT 12-36)**  
**Test Limit: TIA Cat 6A Channel**  
 Cable Type: Cat 6A UTP

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

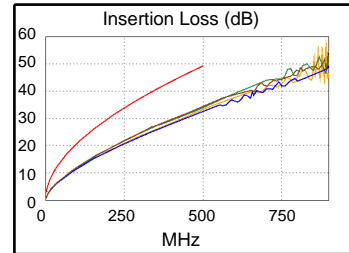
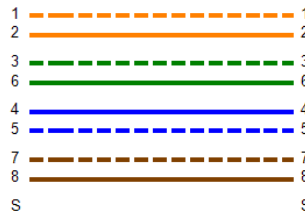
**Test Summary: PASS**

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]	17.2
Prop. Delay (ns), Limit 555	[Pair 36]	85
Delay Skew (ns), Limit 50	[Pair 36]	1
Resistance (ohms)	[Pair 36]	16.8
Insertion Loss Margin (dB)	[Pair 78]	14.7
Frequency (MHz)	[Pair 78]	500.0
Limit (dB)	[Pair 78]	49.3

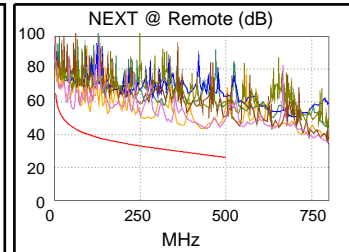
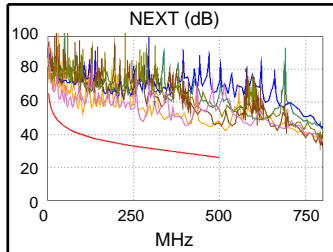


Wire Map (T568B)  
**PASS**

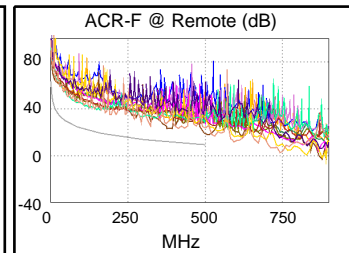
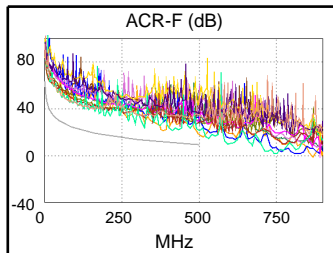


Worst Case Margin Worst Case Value

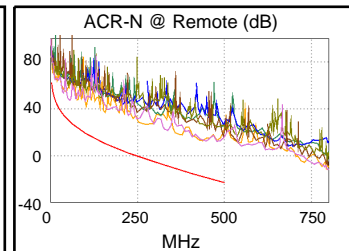
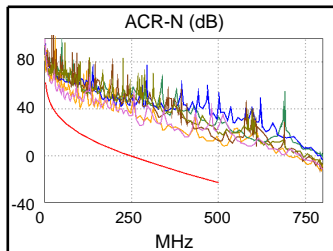
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	45-78	36-45	12-36
<b>NEXT (dB)</b>	9.4	11.3	17.7	15.7
Freq. (MHz)	3.0	51.8	499.0	424.0
Limit (dB)	65.0	44.8	26.1	28.0
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	11.4	13.6	18.8	18.3
Freq. (MHz)	3.3	5.8	499.0	424.0
Limit (dB)	62.0	58.0	23.3	25.1



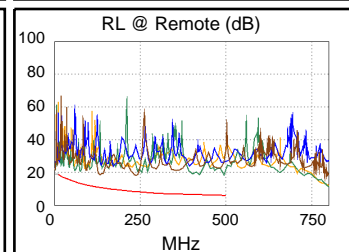
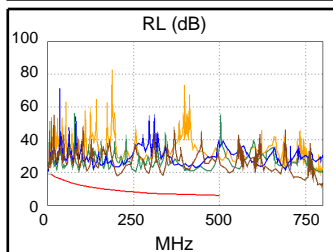
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-12	12-36	36-12
<b>ACR-F (dB)</b>	7.8	9.3	7.8	9.8
Freq. (MHz)	500.0	379.0	500.0	500.0
Limit (dB)	9.3	11.7	9.3	9.3
Worst Pair	36	12	36	12
<b>PS ACR-F (dB)</b>	10.4	10.3	10.4	10.3
Freq. (MHz)	500.0	500.0	500.0	500.0
Limit (dB)	6.3	6.3	6.3	6.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	45-78
<b>ACR-N (dB)</b>	11.8	15.8	34.6	33.2
Freq. (MHz)	3.0	5.5	499.0	482.0
Limit (dB)	61.4	56.0	-23.1	-21.8
Worst Pair	36	36	36	78
<b>PS ACR-N (dB)</b>	13.9	16.5	33.9	35.9
Freq. (MHz)	3.3	5.9	499.0	482.0
Limit (dB)	58.2	52.8	-26.0	-24.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	36
<b>RL (dB)</b>	4.8	6.7	8.6	11.5
Freq. (MHz)	25.6	19.0	201.5	420.0
Limit (dB)	17.0	17.6	9.0	6.0



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