



# Cable ID: UTPCAT6A

# Test Summary: PASS

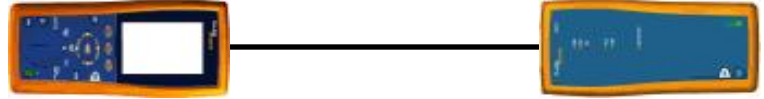
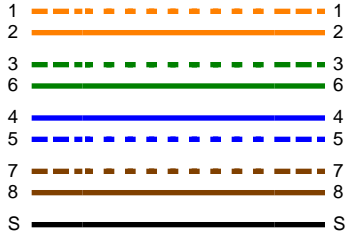
Date / Time: 07/14/2011 10:23:35am  
**Headroom: 3.1 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 6A Channel**  
 Cable Type: Cat 6A UTP

Operator: SS  
 Software Version: 2.2400  
 Limits Version: 1.3700  
 NVP: 68.2%

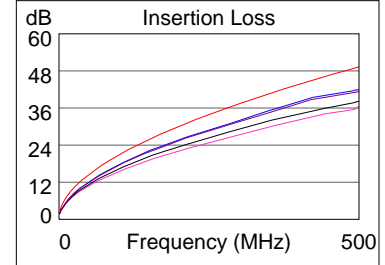
Model: DTX-1800  
 Main S/N: 9395021  
 Remote S/N: 9395022  
 Main Adapter: DTX-CHA002  
 Remote Adapter: DTX-CHA002

### Wire Map (T568B)

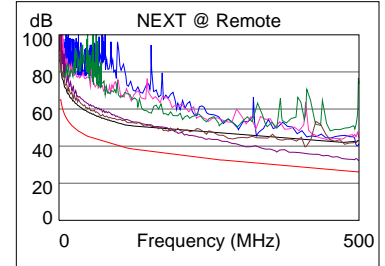
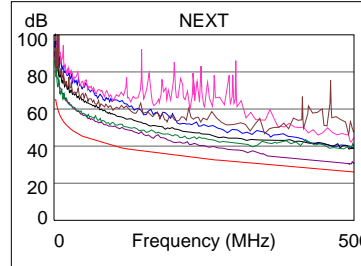
**PASS**



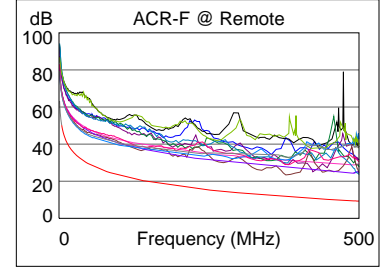
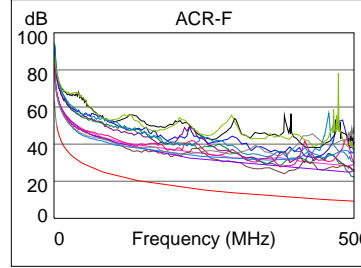
Length (ft), Limit 328	[Pair 45]	264
Prop. Delay (ns), Limit 555		395
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	13.7
Insertion Loss Margin (dB)	[Pair 12]	7.3
Frequency (MHz)	[Pair 12]	500.0
Limit (dB)	[Pair 12]	49.3



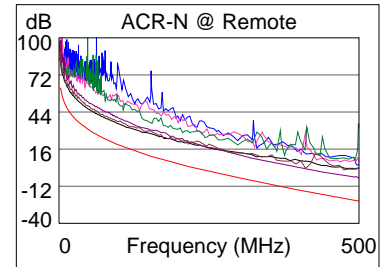
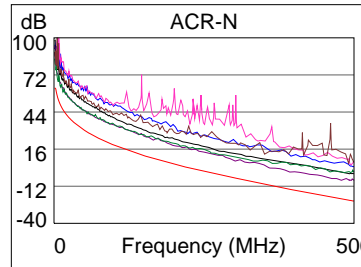
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	3.1	6.0	3.1	6.2
Freq. (MHz)	478.0	481.0	478.0	499.0
Limit (dB)	26.6	26.6	26.6	26.1
Worst Pair	36	45	36	36
<b>PS NEXT (dB)</b>	5.1	8.1	5.1	8.4
Freq. (MHz)	479.0	481.0	479.0	499.0
Limit (dB)	23.7	23.7	23.7	23.3



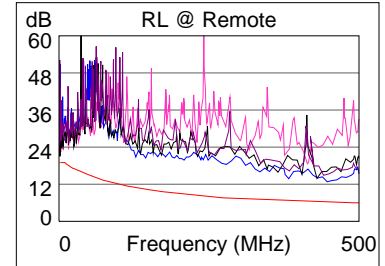
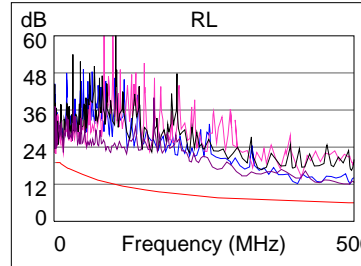
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-78	36-78	36-45	36-78
<b>ACR-F (dB)</b>	12.6	11.1	12.7	11.1
Freq. (MHz)	383.0	382.0	500.0	382.0
Limit (dB)	11.6	11.6	9.3	11.6
Worst Pair	78	36	45	36
<b>PS ACR-F (dB)</b>	14.5	13.1	14.9	13.1
Freq. (MHz)	383.0	500.0	500.0	500.0
Limit (dB)	8.6	6.3	6.3	6.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-45	12-78	36-45	36-45
<b>ACR-N (dB)</b>	12.7	15.3	15.0	17.3
Freq. (MHz)	301.0	41.0	492.0	499.0
Limit (dB)	-5.7	33.3	-22.6	-23.1
Worst Pair	36	78	45	45
<b>PS ACR-N (dB)</b>	14.3	15.4	18.2	19.7
Freq. (MHz)	7.3	4.9	500.0	499.0
Limit (dB)	50.8	54.6	-26.1	-26.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	78	12
<b>RL (dB)</b>	3.9	4.3	5.7	6.8
Freq. (MHz)	15.8	6.8	480.0	446.0
Limit (dB)	18.0	19.0	6.0	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