



# Cable ID: CAT6 UTP-0.511BC-

# Test Summary: PASS

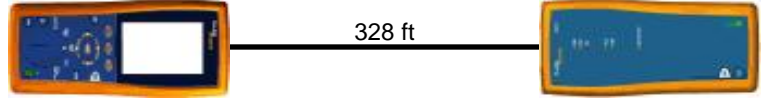
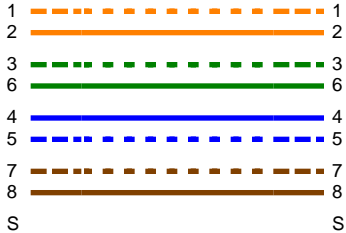
Date / Time: 02/23/2012 02:20:49pm  
 Headroom: 9.2 dB (NEXT 12-36)  
 Test Limit: TIA Cat 6 Channel  
 Cable Type: Cat 6 UTP

Operator: QING  
 Software Version: 2.5200  
 Limits Version: 1.7000  
 NVP: 69.0%

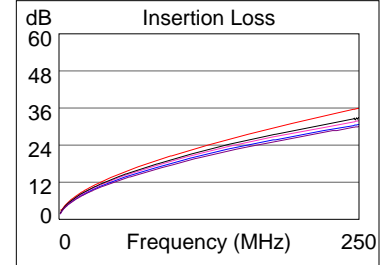
Model: DTX-1800  
 Main S/N: 1784035  
 Remote S/N: 1784024  
 Main Adapter: DTX-CHA002  
 Remote Adapter: DTX-CHA002

### Wire Map (T568B)

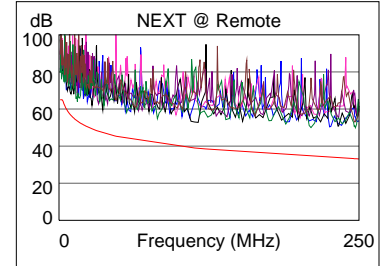
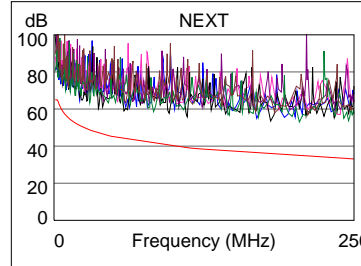
**PASS**



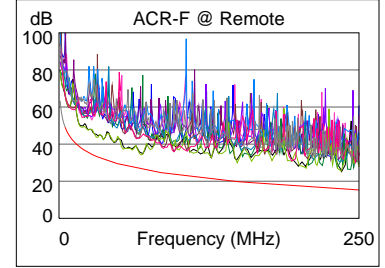
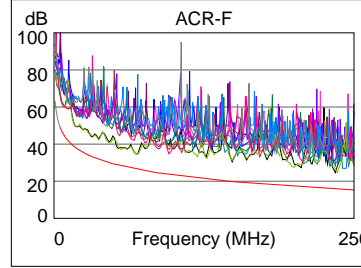
Length (ft), Limit 328	[Pair 78]	328
Prop. Delay (ns), Limit 555		509
Delay Skew (ns), Limit 50		26
Resistance (ohms)	[Pair 45]	18.2
Insertion Loss Margin (dB)	[Pair 45]	3.0
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9



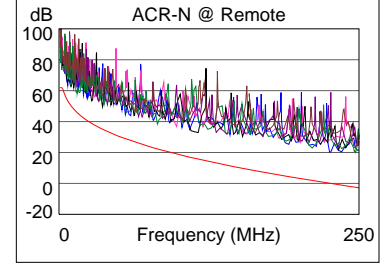
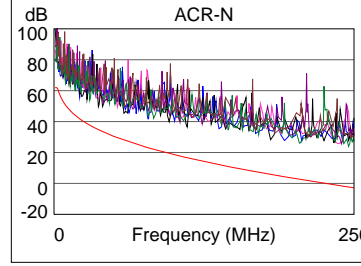
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	12-36	36-78	12-36
<b>NEXT (dB)</b>	11.6	9.2	18.0	16.3
Freq. (MHz)	5.3	7.4	205.5	234.0
Limit (dB)	61.1	58.7	34.6	33.6
Worst Pair	36	12	78	12
<b>PS NEXT (dB)</b>	12.8	9.3	19.7	16.9
Freq. (MHz)	5.3	7.4	205.5	233.0
Limit (dB)	58.6	56.2	31.6	30.7



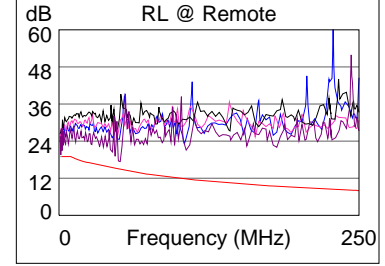
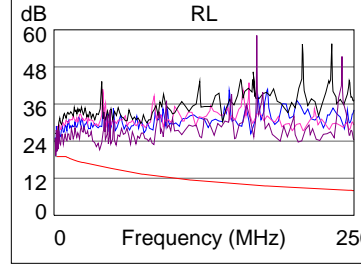
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-78	78-12	12-78	78-12
<b>ACR-F (dB)</b>	8.0	7.6	8.1	7.8
Freq. (MHz)	69.0	67.5	236.5	236.5
Limit (dB)	26.5	26.7	15.8	15.8
Worst Pair	78	78	78	12
<b>PS ACR-F (dB)</b>	10.5	10.4	10.7	11.1
Freq. (MHz)	67.5	67.5	236.5	236.5
Limit (dB)	23.7	23.7	12.8	12.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-36	36-78	12-36
<b>ACR-N (dB)</b>	12.0	9.6	26.2	20.1
Freq. (MHz)	5.3	7.4	245.5	234.0
Limit (dB)	56.5	53.3	-2.3	-1.0
Worst Pair	36	12	36	36
<b>PS ACR-N (dB)</b>	13.2	10.0	26.2	22.4
Freq. (MHz)	5.3	7.4	241.5	247.5
Limit (dB)	54.0	50.7	-4.8	-5.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	78	78	78
<b>RL (dB)</b>	2.4	1.5	5.1	1.5
Freq. (MHz)	3.5	50.3	38.0	50.3
Limit (dB)	19.0	15.0	16.1	15.0



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