



### Cable ID: 0.56CU-001

### Test Summary: PASS

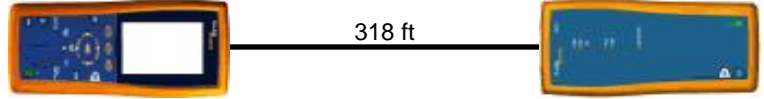
Date / Time: 03/08/2016 11:02:36am  
**Headroom: 7.0 dB (NEXT 12-36)**  
**Test Limit: TIA Cat 6 Channel**  
 Cable Type: Cat 6 UTP

Operator: HOYO  
 Software Version: 2.1200  
 Limits Version: 1.2800  
 NVP: 69.0%

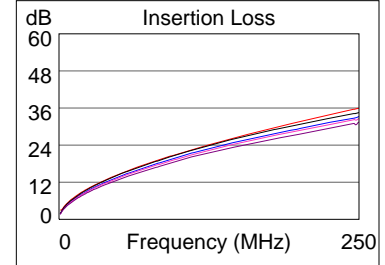
Model: DTX-1800  
 Main S/N: 9557049  
 Remote S/N: 9557050  
 Main Adapter: DTX-CHA001  
 Remote Adapter: DTX-CHA001

Wire Map (T568B)

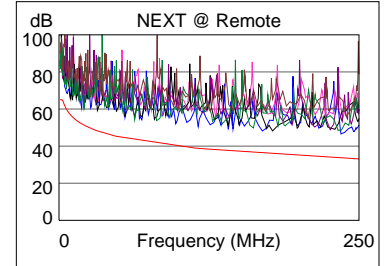
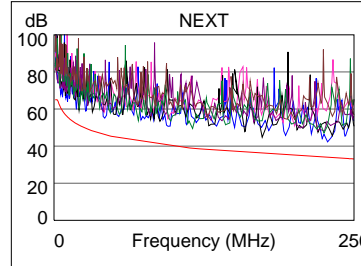
**PASS**



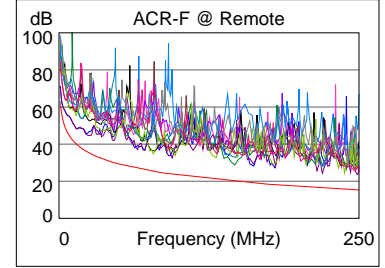
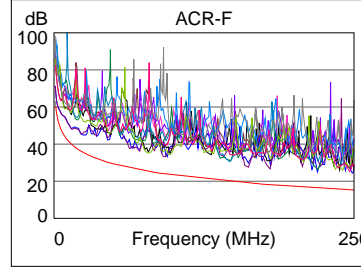
Length (ft), Limit 328	[Pair 78]	318
Prop. Delay (ns), Limit 555		494
Delay Skew (ns), Limit 50		26
Resistance (ohms)	[Pair 45]	14.7
Insertion Loss Margin (dB)	[Pair 45]	1.4
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9



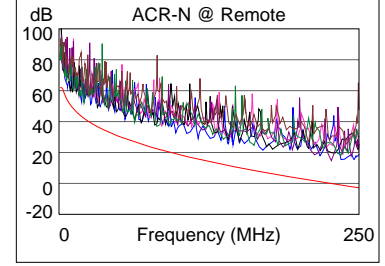
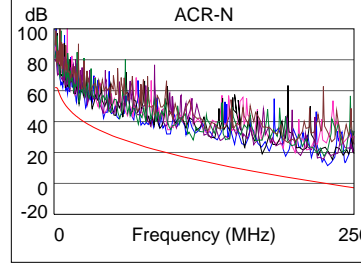
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	12-36	12-36	12-36
<b>NEXT (dB)</b>	7.0	7.2	8.4	11.4
Freq. (MHz)	41.5	7.3	228.5	236.0
Limit (dB)	46.4	58.9	33.8	33.5
Worst Pair	12	12	12	36
<b>PS NEXT (dB)</b>	7.9	7.1	10.3	12.7
Freq. (MHz)	41.8	9.5	228.0	235.5
Limit (dB)	43.6	54.4	30.9	30.6



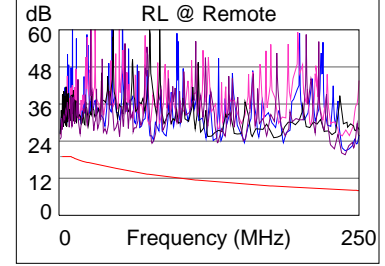
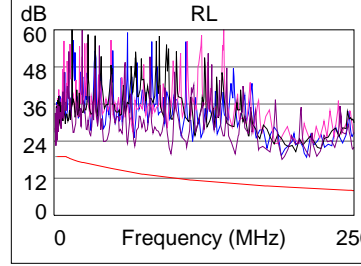
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	36-12	12-36	36-12
<b>ACR-F (dB)</b>	6.5	6.0	6.5	6.0
Freq. (MHz)	221.0	221.0	221.0	221.0
Limit (dB)	16.4	16.4	16.4	16.4
Worst Pair	36	12	36	12
<b>PS ACR-F (dB)</b>	8.9	9.0	8.9	9.0
Freq. (MHz)	220.5	221.0	220.5	221.0
Limit (dB)	13.4	13.4	13.4	13.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-36	12-36	12-36	12-36
<b>ACR-N (dB)</b>	7.8	7.8	11.5	14.7
Freq. (MHz)	5.6	7.3	228.5	236.0
Limit (dB)	55.9	53.5	-0.3	-1.2
Worst Pair	12	12	12	36
<b>PS ACR-N (dB)</b>	8.7	7.7	12.9	16.1
Freq. (MHz)	41.5	9.5	228.0	235.5
Limit (dB)	30.4	48.2	-3.2	-4.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	78	78	78	78
<b>RL (dB)</b>	7.1	8.4	8.7	11.4
Freq. (MHz)	43.5	17.8	190.5	238.5
Limit (dB)	15.6	17.8	9.2	8.2



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