



### Cable ID: Cat.6A Cable

### Test Summary: PASS

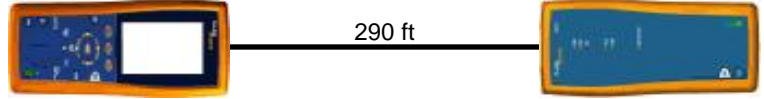
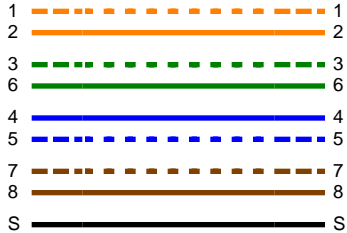
Date / Time: 07/20/2022 11:20:32am  
**Headroom: 3.7 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 6A Channel**  
 Cable Type: Cat 6A SFTP

Operator: Linkwylan  
 Software Version: 2.5200  
 Limits Version: 1.7000  
 NVP: 76.0%

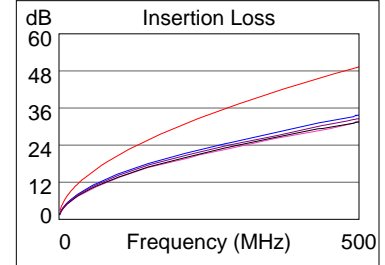
Model: DTX-1800  
 Main S/N: 1222003  
 Remote S/N: 1222004  
 Main Adapter: DTX-CHA002  
 Remote Adapter: DTX-CHA002

#### Wire Map (T568B)

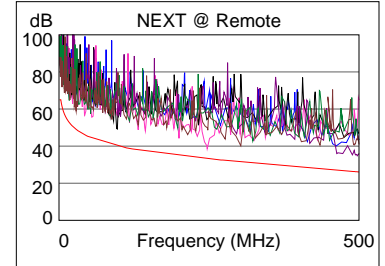
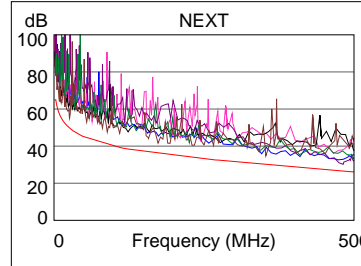
**PASS**



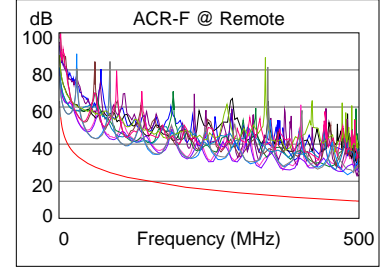
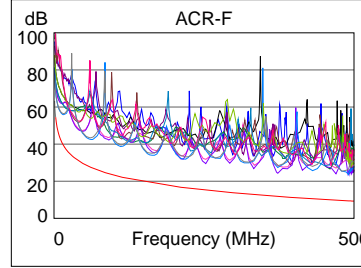
Length (ft), Limit 328	[Pair 36]	290
Prop. Delay (ns), Limit 555		427
Delay Skew (ns), Limit 50		32
Resistance (ohms)	[Pair 78]	14.4
Insertion Loss Margin (dB)	[Pair 12]	15.6
Frequency (MHz)	[Pair 12]	500.0
Limit (dB)	[Pair 12]	49.3



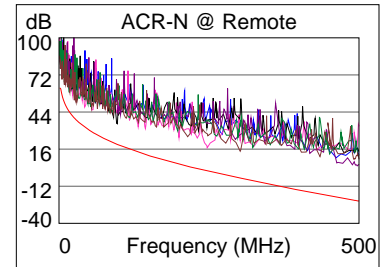
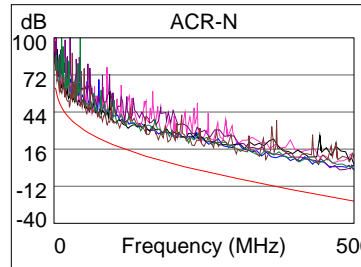
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36-45	12-45	36-45	36-45
<b>NEXT (dB)</b>	3.7	4.6	3.7	8.0
Freq. (MHz)	482.0	248.0	482.0	485.0
Limit (dB)	26.5	33.2	26.5	26.5
Worst Pair	36	45	36	36
<b>PS NEXT (dB)</b>	4.1	7.3	4.1	10.2
Freq. (MHz)	475.0	248.0	475.0	485.0
Limit (dB)	23.8	30.2	23.8	23.6



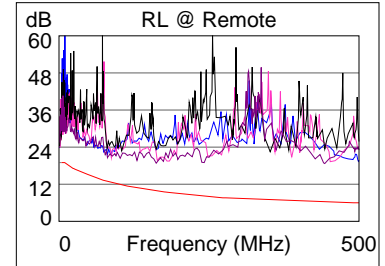
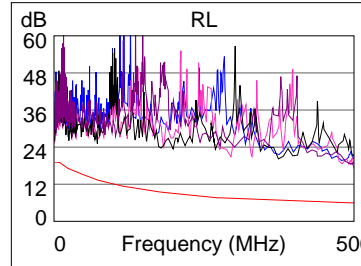
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-12	45-78	45-78	36-12
<b>ACR-F (dB)</b>	12.5	13.2	14.1	13.5
Freq. (MHz)	373.0	2.9	491.0	498.0
Limit (dB)	11.8	54.1	9.4	9.3
Worst Pair	45	45	12	45
<b>PS ACR-F (dB)</b>	14.2	13.7	14.8	14.7
Freq. (MHz)	3.1	373.0	496.0	491.0
Limit (dB)	50.4	8.8	6.3	6.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	45-78	45-78	36-45	36-45
<b>ACR-N (dB)</b>	8.1	11.6	21.2	26.4
Freq. (MHz)	25.8	4.9	482.0	497.0
Limit (dB)	39.4	57.1	-21.8	-23.0
Worst Pair	78	45	36	36
<b>PS ACR-N (dB)</b>	10.0	12.7	22.9	28.6
Freq. (MHz)	25.9	5.1	499.0	499.0
Limit (dB)	36.7	54.1	-26.0	-26.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45	78	36	36
<b>RL (dB)</b>	9.1	7.7	11.1	11.8
Freq. (MHz)	24.6	80.8	500.0	454.0
Limit (dB)	17.0	12.9	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