



**Cable ID: KEYSTONE RJ45 FEMEA UTP – 180° PRETO - CAT.6**

**Test Summary: PASS**

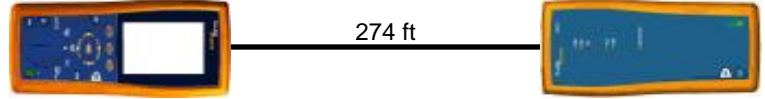
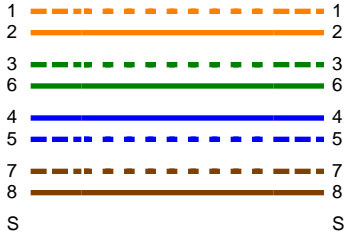
Date / Time: 02/14/2022 02:08:40pm  
 Headroom: **6.3 dB (NEXT 12-36)**  
 Test Limit: **TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 UTP

Operator: QC  
 Software Version: 2.7400  
 Limits Version: 1.9300  
 NVP: 69.0%

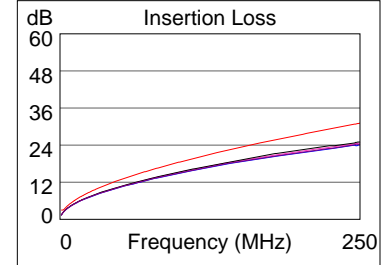
Model: DTX-1800  
 Main S/N: 1490309  
 Remote S/N: 1490310  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

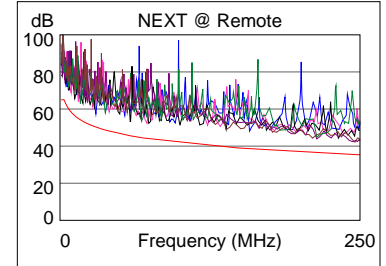
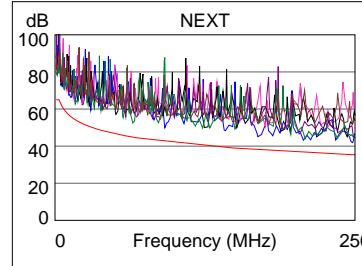
**PASS**



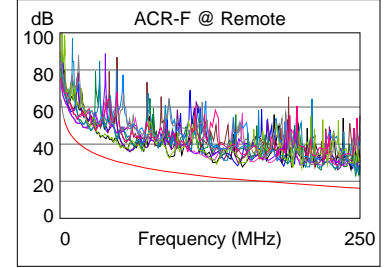
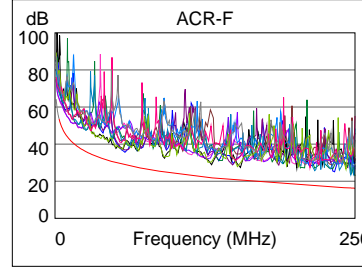
Length (ft), Limit 295	[Pair 78]	274
Prop. Delay (ns), Limit 498		432
Delay Skew (ns), Limit 44		28
Resistance (ohms)	[Pair 36]	12.1
Insertion Loss Margin (dB)	[Pair 45]	6.0
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1



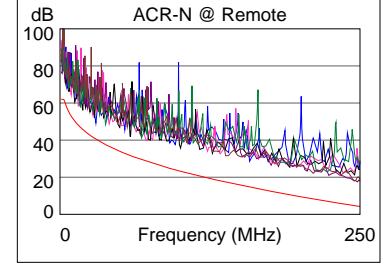
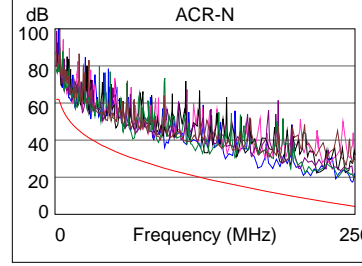
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-36	36-45	12-36	36-45
<b>NEXT (dB)</b>	6.0	6.7	6.5	6.7
Freq. (MHz)	169.5	243.5	248.0	243.5
Limit (dB)	38.1	35.5	35.4	35.5
Worst Pair	36	45	36	45
<b>PS NEXT (dB)</b>	6.4	5.9	6.7	5.9
Freq. (MHz)	213.0	245.0	248.5	245.0
Limit (dB)	33.9	32.9	32.7	32.9



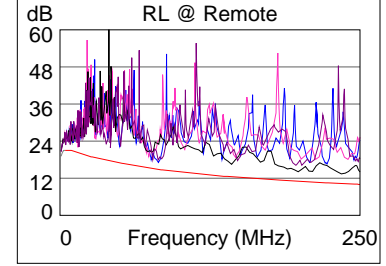
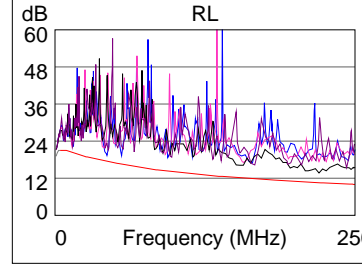
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-78	78-12	36-45	36-45
<b>ACR-F (dB)</b>	4.8	4.9	6.6	6.6
Freq. (MHz)	153.5	153.5	250.0	246.5
Limit (dB)	20.5	20.5	16.2	16.4
Worst Pair	78	12	45	12
<b>PS ACR-F (dB)</b>	7.1	7.1	8.5	8.6
Freq. (MHz)	153.5	153.5	250.0	243.5
Limit (dB)	17.5	17.5	13.2	13.5



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	36-78	12-36	12-36	36-45
<b>ACR-N (dB)</b>	10.0	8.5	13.0	13.1
Freq. (MHz)	17.1	29.6	248.0	248.0
Limit (dB)	46.8	40.7	4.4	4.4
Worst Pair	36	78	36	45
<b>PS ACR-N (dB)</b>	9.7	10.0	13.0	12.1
Freq. (MHz)	16.9	7.3	248.5	245.0
Limit (dB)	44.6	53.0	1.8	2.1



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12	78	45	45
<b>RL (dB)</b>	1.7	1.5*	3.0	3.1
Freq. (MHz)	43.5	4.9	220.5	238.5
Limit (dB)	17.6	21.0	10.6	10.2



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

\* Measurement is within the accuracy limits of the instrument.