



**Cable ID: KEYSTONE RJ45 FEMEA UTP – 90° BEGE - CAT.5E**

**Test Summary: PASS**

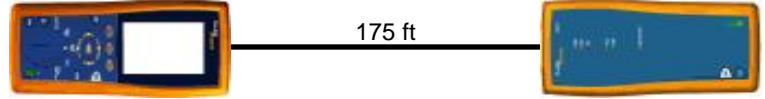
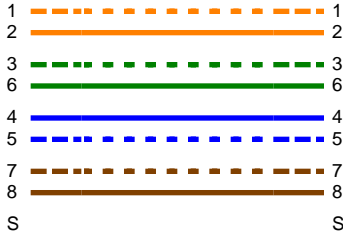
Date / Time: 02/14/2022 03:01:32pm  
**Headroom: 6.7 dB (NEXT 12-45)**  
**Test Limit: TIA Cat 5e Perm. Link**  
 Cable Type: Cat 5e UTP

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

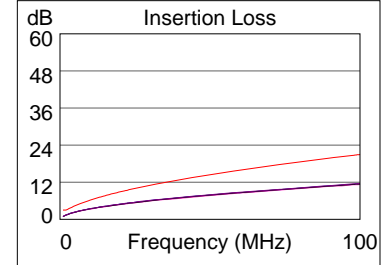
Model: DTX-1800  
 Main S/N: 1490309  
 Remote S/N: 1490310  
 Main Adapter: DTX-PLA002  
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

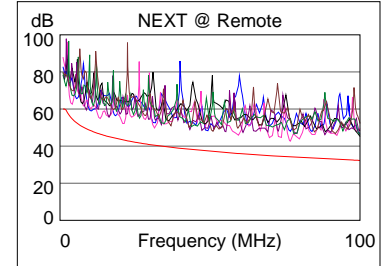
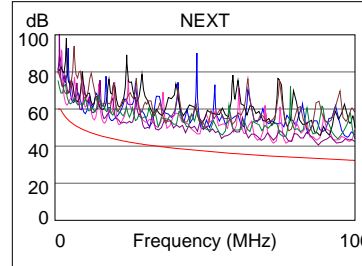
**PASS**



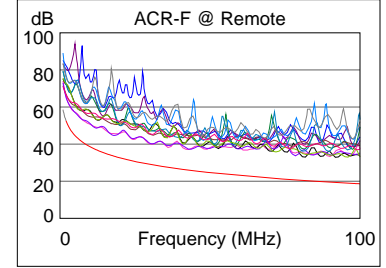
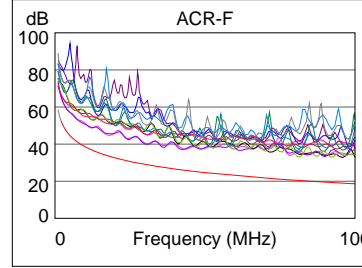
Length (ft), Limit 295	[Pair 36]	175
Prop. Delay (ns), Limit 498		264
Delay Skew (ns), Limit 44		6
Resistance (ohms)	[Pair 36]	10.1
Insertion Loss Margin (dB)	[Pair 78]	9.4
Frequency (MHz)	[Pair 78]	100.0
Limit (dB)	[Pair 78]	21.0



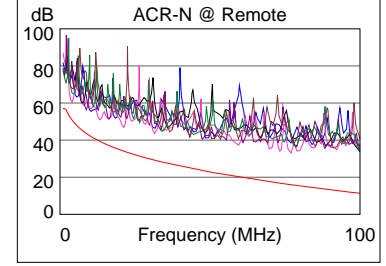
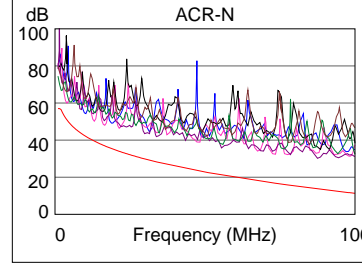
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	12-45	12-45	36-45	12-45
<b>NEXT (dB)</b>	6.9	7.5	7.4	8.5
Freq. (MHz)	73.0	3.9	87.8	76.8
Limit (dB)	34.5	55.0	33.2	34.2
Worst Pair	45	45	45	12
<b>PS NEXT (dB)</b>	7.6	9.8	7.8	10.1
Freq. (MHz)	72.8	3.8	78.5	76.8
Limit (dB)	31.6	52.2	31.0	31.2



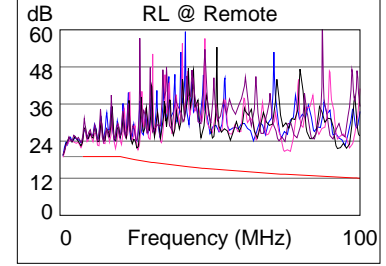
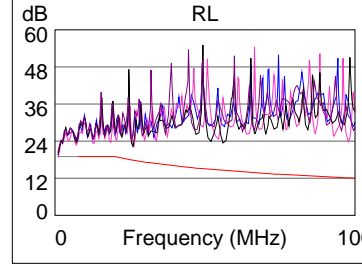
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	45-12	12-45	12-78	12-78
<b>ACR-F (dB)</b>	10.7	10.7	13.8	13.4
Freq. (MHz)	36.0	36.0	95.5	92.3
Limit (dB)	27.5	27.5	19.0	19.3
Worst Pair	12	12	12	12
<b>PS ACR-F (dB)</b>	12.1	12.6	14.2	15.0
Freq. (MHz)	41.5	41.5	96.5	100.0
Limit (dB)	23.3	23.3	15.9	15.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>N/A</b>				
Worst Pair	12-45	12-45	36-45	12-45
<b>ACR-N (dB)</b>	8.9	9.4	16.3	16.9
Freq. (MHz)	3.8	3.8	87.8	76.8
Limit (dB)	51.4	51.4	13.7	16.0
Worst Pair	45	45	36	12
<b>PS ACR-N (dB)</b>	10.6	11.6	19.7	22.2
Freq. (MHz)	3.8	3.8	100.0	100.0
Limit (dB)	48.4	48.4	8.3	8.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
<b>PASS</b>				
Worst Pair	36	36	36	36
<b>RL (dB)</b>	3.9	2.6	4.4	7.3
Freq. (MHz)	12.9	18.5	26.1	75.0
Limit (dB)	19.0	19.0	17.8	13.3



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