



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

Test Summary: PASS

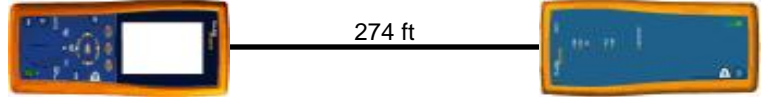
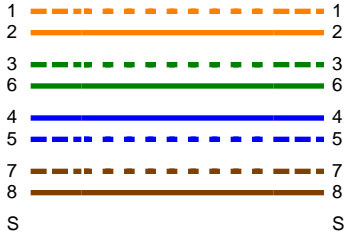
Date / Time: 02/14/2022 02:07:18pm
Headroom: 6.0 dB (NEXT 12-36)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP

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

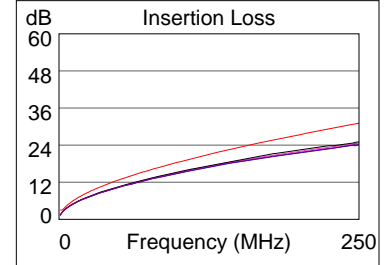
Model: DTX-1800
 Main S/N: 1490309
 Remote S/N: 1490310
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

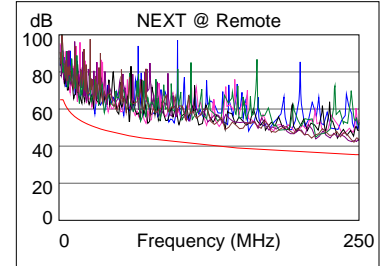
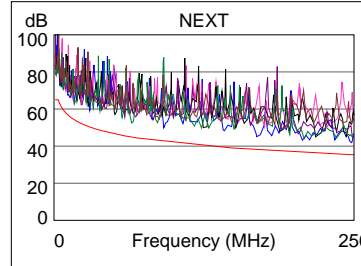
PASS



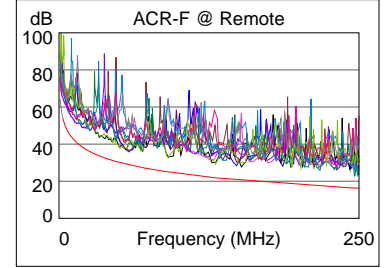
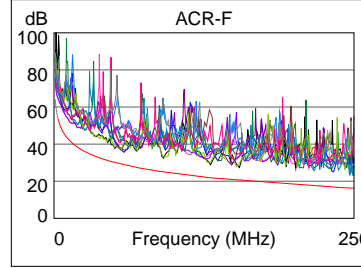
Length (ft), Limit 295	[Pair 78]	274
Prop. Delay (ns), Limit 498		432
Delay Skew (ns), Limit 44		28
Resistance (ohms)	[Pair 36]	12.1
Insertion Loss Margin (dB)	[Pair 45]	6.0
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1



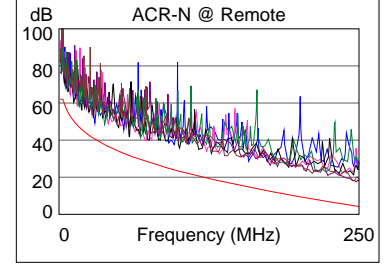
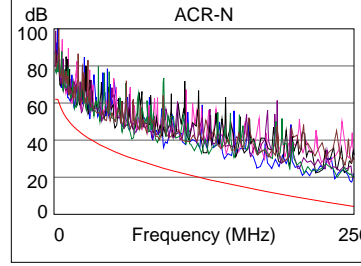
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	6.0	6.7	6.5	6.7
Freq. (MHz)	169.5	243.5	248.0	243.5
Limit (dB)	38.1	35.5	35.4	35.5
Worst Pair	36	45	36	45
PS NEXT (dB)	6.4	5.9	6.7	5.9
Freq. (MHz)	213.0	245.0	248.5	245.0
Limit (dB)	33.9	32.9	32.7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



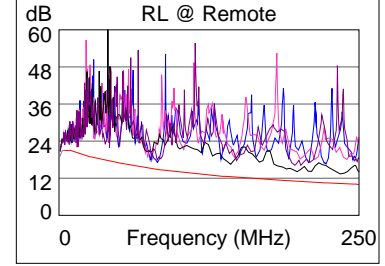
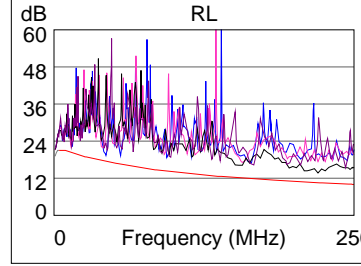
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	78-12	36-45	36-45
ACR-F (dB)	4.8	4.9	6.6	6.6
Freq. (MHz)	153.5	153.5	250.0	246.5
Limit (dB)	20.5	20.5	16.2	16.4
Worst Pair	78	12	45	12
PS ACR-F (dB)	7.1	7.1	8.5	8.6
Freq. (MHz)	153.5	153.5	250.0	243.5
Limit (dB)	17.5	17.5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



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-78	12-36	12-36	36-45
ACR-N (dB)	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
PS ACR-N (dB)	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
PASS				
Worst Pair	12	78	45	45
RL (dB)	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.