



DATE OF TEST:

August 13, 2014

TEST REPORT REVISION HISTORY:

First Issue: August 13, 2014 Original Document

RESULTS: See appendix A for the test results.


CONCLUSION:

The permanent link configuration, as previously described and supplied by the client, was tested in accordance with the standard referred to on page 1, and did comply with the indicated applicable transmission requirements. The testing was performed at Intertek located in Cortland, New York.

The procedures and requirements were taken from the standard referred to on page 1.

Reviewed and Approved By:


Antoine Pelletier
Engineer
Global Cabling Products Testing


John Cash
Associate Engineer
Global Cabling Products Testing



Appendix A
Test results

This appendix contains 1 page.



Cable ID: 101734842CRT-001A

Test Summary: PASS

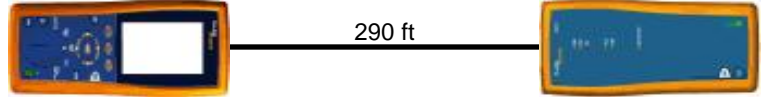
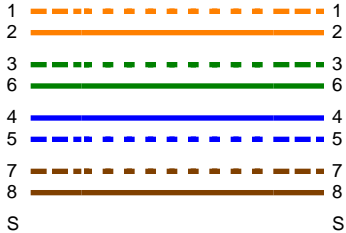
Date / Time: 08/13/2014 09:25:04am
 Headroom: 4.5 dB (NEXT 12-36)
 Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP

Operator: Your Name
 Software Version: 2.7400
 Limits Version: 1.9300
 NVP: 69.0%

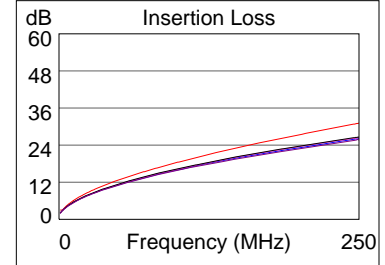
Model: DTX-1800
 Main S/N: 9385159
 Remote S/N: 9385160
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

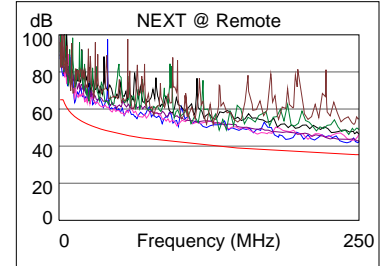
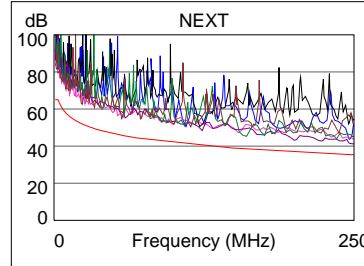
PASS



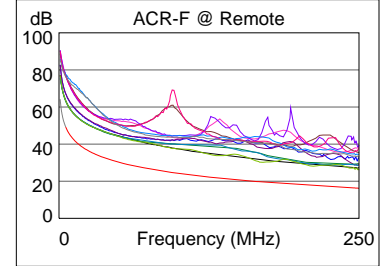
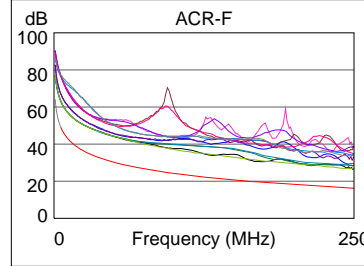
Length (ft), Limit 295	[Pair 78]	290
Prop. Delay (ns), Limit 498		445
Delay Skew (ns), Limit 44		18
Resistance (ohms)	[Pair 12]	14.9
Insertion Loss Margin (dB)	[Pair 45]	4.5
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1



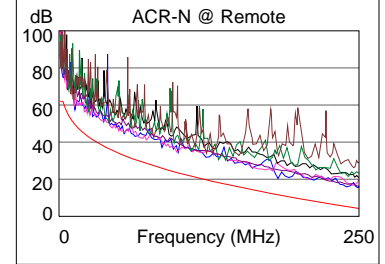
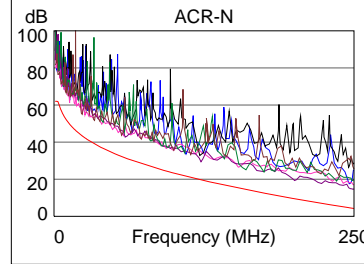
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	36-45	12-36	36-45	12-36
NEXT (dB)	5.8	4.5	5.8	6.1
Freq. (MHz)	249.0	182.0	249.0	239.5
Limit (dB)	35.4	37.6	35.4	35.6
Worst Pair	36	36	36	36
PS NEXT (dB)	5.9	5.9	5.9	5.9
Freq. (MHz)	246.5	240.5	246.5	240.5
Limit (dB)	32.8	33.0	32.8	33.0



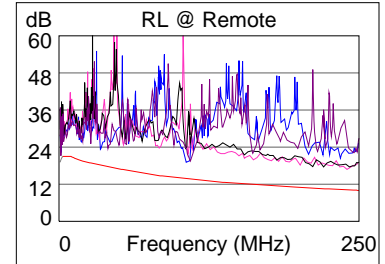
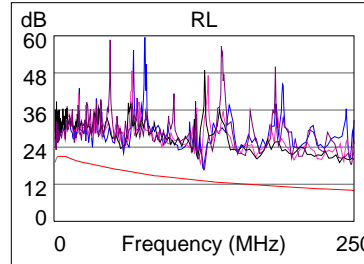
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	78-12	12-78	78-12
ACR-F (dB)	10.1	9.9	10.1	9.9
Freq. (MHz)	249.0	249.0	249.0	249.0
Limit (dB)	16.3	16.3	16.3	16.3
Worst Pair	12	12	12	12
PS ACR-F (dB)	11.8	10.7	12.0	10.7
Freq. (MHz)	231.5	249.0	244.0	249.0
Limit (dB)	13.9	13.3	13.4	13.3



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	36-45	12-36	36-45	12-36
ACR-N (dB)	9.8	8.0	10.3	11.1
Freq. (MHz)	122.5	13.3	249.0	248.5
Limit (dB)	19.6	49.5	4.3	4.4
Worst Pair	45	12	36	36
PS ACR-N (dB)	9.5	8.5	10.5	10.8
Freq. (MHz)	56.8	13.1	246.5	248.5
Limit (dB)	29.7	47.2	2.0	1.8



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	12	78	36
RL (dB)	3.7	4.7	3.7	6.4
Freq. (MHz)	125.0	108.0	125.0	241.5
Limit (dB)	13.0	13.7	13.0	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