



Cable ID: Cat6 CMR Rated

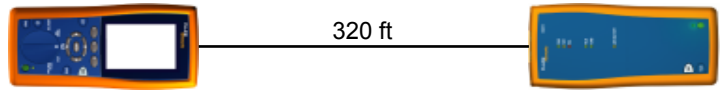
Date / Time: 04/18/2013 04:54:18 PM
 Headroom 5.4 dB (NEXT 12-36)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 UTP

Operator: JTM
 Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 69.0%

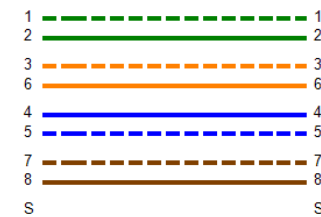
Test Summary: PASS

Model: DTX-1800
 Main S/N: 1978619
 Remote S/N: 1978620
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	320
Prop. Delay (ns), Limit 555	[Pair 45]	486
Delay Skew (ns), Limit 50	[Pair 45]	14
Resistance (ohms)	[Pair 45]	14.7
Insertion Loss Margin (dB)	[Pair 45]	5.7
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9

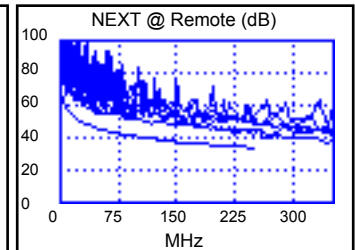
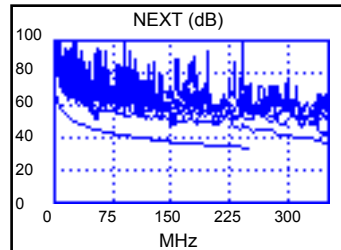


Wire Map (T568A)
PASS

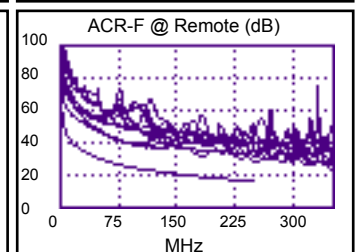
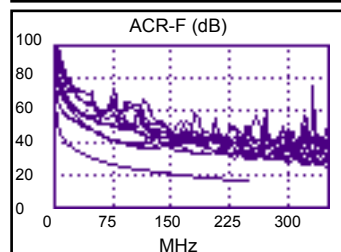


Worst Case Margin Worst Case Value

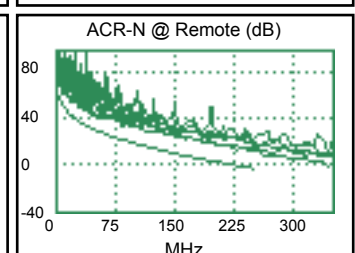
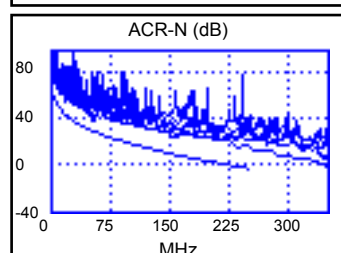
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
NEXT (dB)	5.4	7.4	9.4	7.4
Freq. (MHz)	53.3	84.0	238.0	249.0
Limit (dB)	44.5	41.2	33.5	33.1
Worst Pair	36	45	36	45
PS NEXT (dB)	6.7	8.2	11.5	8.2
Freq. (MHz)	53.3	249.5	238.0	249.5
Limit (dB)	41.8	30.2	30.5	30.2



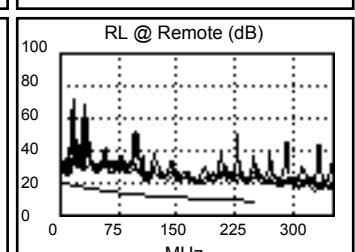
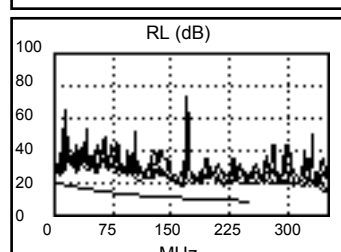
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	13.0	12.1	13.0	12.1
Freq. (MHz)	248.5	248.5	250.0	248.5
Limit (dB)	15.4	15.4	15.3	15.4
Worst Pair	36	36	36	36
PS ACR-F (dB)	13.8	14.3	13.8	14.6
Freq. (MHz)	227.5	83.5	250.0	250.0
Limit (dB)	13.1	21.8	12.3	12.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	12-36	36-45	36-45
ACR-N (dB)	7.6	9.7	14.6	13.0
Freq. (MHz)	53.3	8.6	238.0	249.0
Limit (dB)	29.4	51.7	-1.4	-2.7
Worst Pair	36	12	45	45
PS ACR-N (dB)	8.9	11.2	17.3	13.9
Freq. (MHz)	53.3	43.3	238.0	249.5
Limit (dB)	26.7	29.8	-4.4	-5.7



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	78	78
RL (dB)	5.2	4.6	6.8	9.2
Freq. (MHz)	7.5	7.5	164.5	184.5
Limit (dB)	19.0	19.0	9.8	9.3



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

LinkWare Version 7.4

