



Cable ID: Cat5e CMR Rated

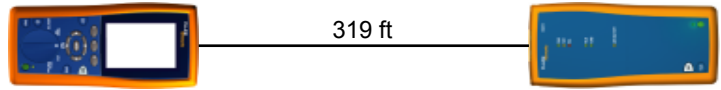
Date / Time: 04/18/2013 09:36:55 AM
 Headroom 10.4 dB (NEXT 12-36)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

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

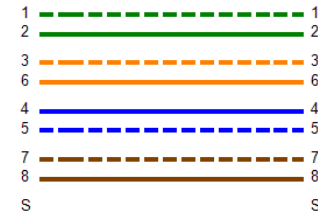
Test Summary: PASS

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]	319
Prop. Delay (ns), Limit 555	[Pair 45]	482
Delay Skew (ns), Limit 50	[Pair 45]	12
Resistance (ohms)	[Pair 12]	18.1
Insertion Loss Margin (dB)	[Pair 12]	3.9
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

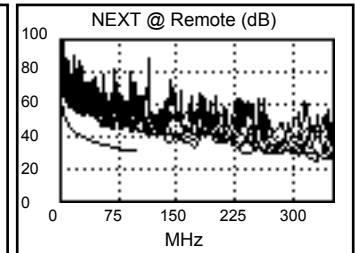
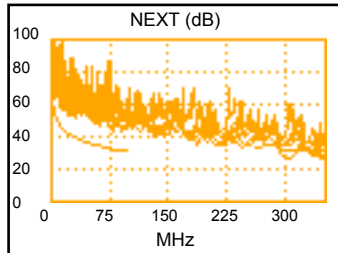


Wire Map (T568A)
PASS

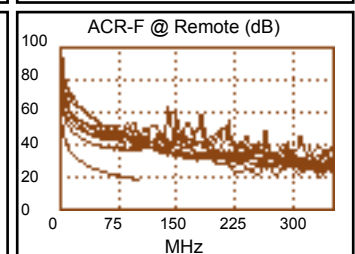
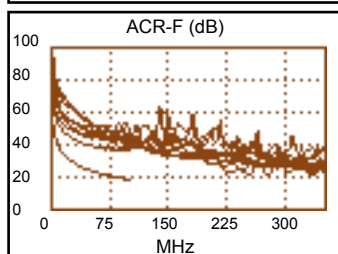


Worst Case Margin Worst Case Value

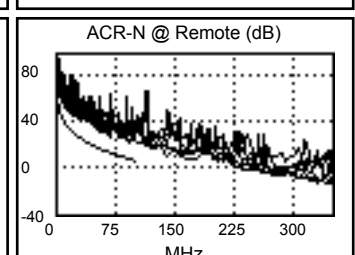
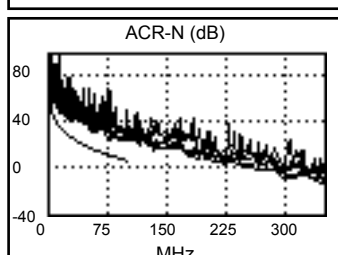
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	10.4	10.4	11.3	10.4
Freq. (MHz)	5.3	53.5	90.5	91.5
Limit (dB)	51.6	34.7	30.8	30.7
Worst Pair	45	45	36	45
PS NEXT (dB)	11.8	10.8	13.6	10.8
Freq. (MHz)	23.5	91.3	91.3	91.3
Limit (dB)	37.8	27.8	27.8	27.8



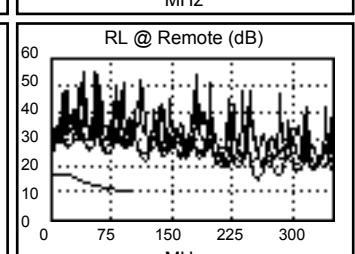
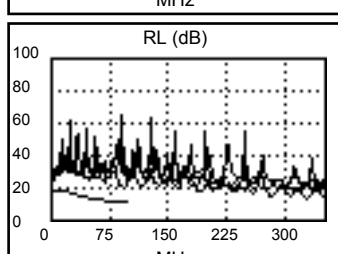
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	45-12
ACR-F (dB)	13.8	13.8	17.5	17.6
Freq. (MHz)	1.5	1.6	90.3	90.3
Limit (dB)	53.9	53.2	18.3	18.3
Worst Pair	12	12	12	12
PS ACR-F (dB)	15.5	15.4	20.3	19.5
Freq. (MHz)	1.9	2.1	99.0	90.3
Limit (dB)	48.9	47.9	14.5	15.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	45-78	12-36	36-45
ACR-N (dB)	11.2	11.1	15.1	14.1
Freq. (MHz)	5.3	3.1	90.5	91.5
Limit (dB)	46.5	51.4	8.1	7.9
Worst Pair	36	45	12	45
PS ACR-N (dB)	12.8	12.6	18.5	14.6
Freq. (MHz)	5.3	3.1	97.3	91.3
Limit (dB)	43.5	48.4	3.6	4.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	45	12	78
RL (dB)	7.3	8.6	8.6	12.4
Freq. (MHz)	2.5	2.4	92.3	72.5
Limit (dB)	17.0	17.0	10.4	11.4



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

