WIREPATH structured wiring

WP-CAT5E-PP-24
CMP Cable Test Data

Cable ID: Cat5e CMP Rated

Date / Time: 04/17/2013 03:21:18 PM
Headroom 8.1 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

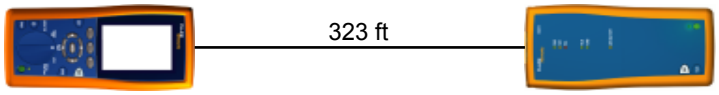
Model: DTX-1800
Main S/N: 1978619
Remote S/N: 1978620
Main Adapter: DTX-CHA002
Remote Adapter: DTX-CHA002

Length (ft), Limit 328	[Pair 78]	323
Prop. Delay (ns), Limit 555	[Pair 45]	488
Delay Skew (ns), Limit 50	[Pair 45]	12
Resistance (ohms)	[Pair 12]	18.3
Insertion Loss Margin (dB)	[Pair 12]	3.7
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0

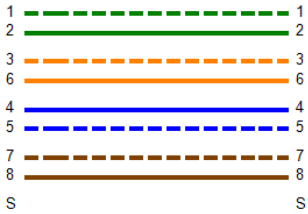
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	45-78	36-45
NEXT (dB)	8.1	10.2	10.2	10.4
Freq. (MHz)	65.0	77.8	97.8	90.8
Limit (dB)	33.3	32.0	30.2	30.8
Worst Pair	36	45	45	45
PS NEXT (dB)	9.4	10.3	11.3	10.3
Freq. (MHz)	65.0	90.8	97.8	90.8
Limit (dB)	30.3	27.8	27.2	27.8
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	45-36
ACR-F (dB)	10.1	10.1	13.3	13.4
Freq. (MHz)	1.0	1.0	96.5	96.8
Limit (dB)	57.4	57.4	17.7	17.7
Worst Pair	45	45	45	36
PS ACR-F (dB)	12.1	12.2	15.7	15.3
Freq. (MHz)	1.3	1.3	96.5	96.8
Limit (dB)	52.5	52.5	14.7	14.7
N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	45-78	45-78	36-45
ACR-N (dB)	10.8	11.1	14.4	13.9
Freq. (MHz)	31.8	3.1	99.8	90.8
Limit (dB)	25.6	51.4	6.1	8.0
Worst Pair	36	45	45	45
PS ACR-N (dB)	12.3	12.6	14.9	13.8
Freq. (MHz)	64.8	3.1	97.8	90.8
Limit (dB)	11.4	48.4	3.5	5.0
PASS	MAIN	SR	MAIN	SR
Worst Pair	78	45	45	78
RL (dB)	8.0	9.0	10.8	11.3
Freq. (MHz)	2.5	2.5	65.8	97.0
Limit (dB)	17.0	17.0	11.8	10.1

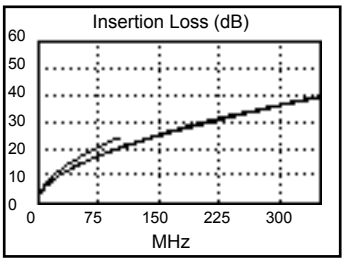
Compliant Network Standards:

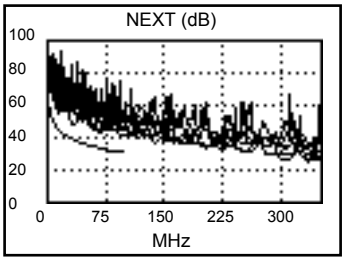
10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	ATM-25	ATM-51
ATM-155	100VG-AnyLan	TR-4
TR-16 Active	TR-16 Passive	

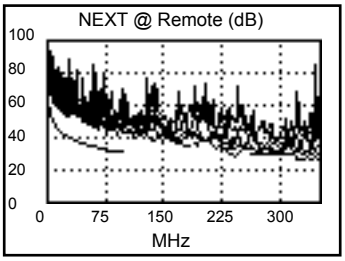


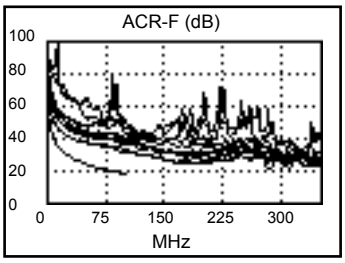
Wire Map (T568A)
PASS

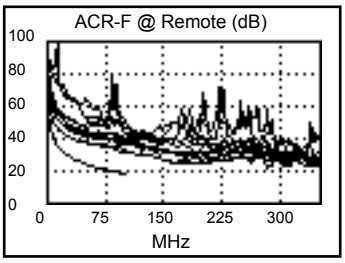


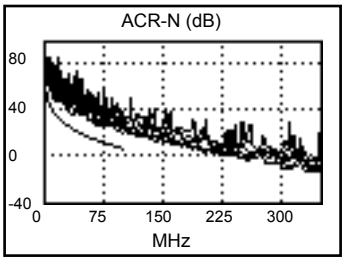


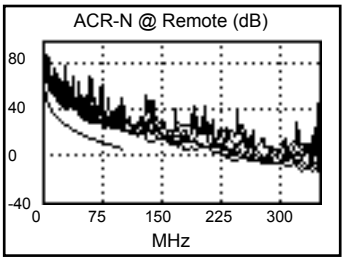


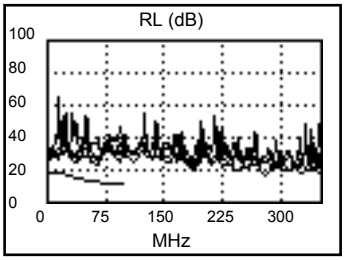


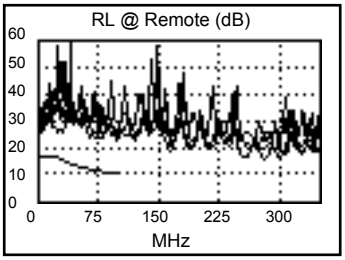












LinkWare Version 7.4

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