

CICOIL CAT5e cable assemblies exceed the performance specifications set forth in ISO/IEC 11801 and our flat cable technology assures 100% transmission compliance to component performance as specified in ANSI/TIA-568.



Engineering Note

Test Summary: PASS

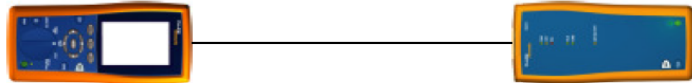
Cable ID: 97090-10

Date / Time: 09/25/2013 01:30:37 PM
 Headroom 5.1 dB (NEXT 45-78)
 Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP
 Calibration Date: 01/29/2013

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

Model: DTX-1800
 Main S/N: 1210047
 Remote S/N: 9736062
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

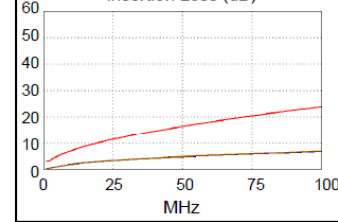
Length (ft), Limit 328	[Pair 12]	28
Prop. Delay (ns), Limit 555	[Pair 12]	41
Delay Skew (ns), Limit 50	[Pair 12]	0
Resistance (ohms)	[Pair 36]	1.7
Insertion Loss Margin (dB)	[Pair 12]	17.0
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



Wire Map (T568B)

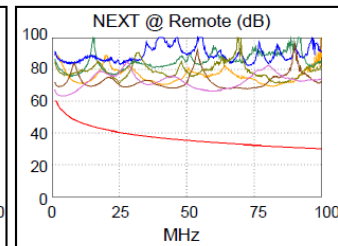
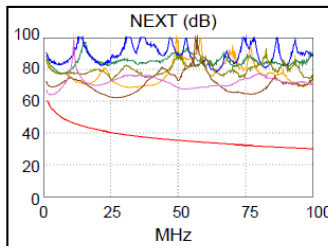


Insertion Loss (dB)

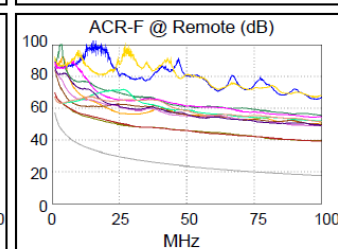
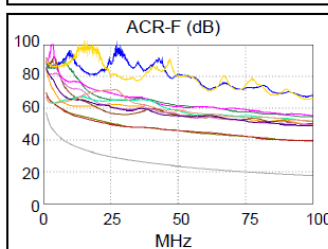


Worst Case Margin Worst Case Value

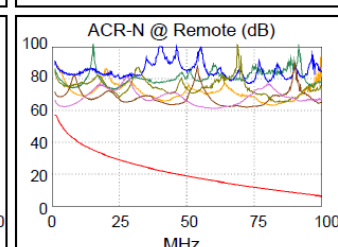
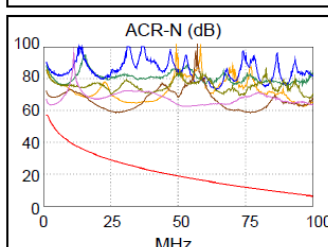
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	36-45	45-78
NEXT (dB)	5.2	5.1	22.3	9.5
Freq. (MHz)	1.6	1.6	26.9	3.9
Limit (dB)	59.9	59.9	39.8	53.8
Worst Pair	45	45	36	45
PS NEXT (dB)	7.1	6.9	24.6	9.7
Freq. (MHz)	1.6	1.6	26.9	3.0
Limit (dB)	56.9	56.9	36.8	52.6



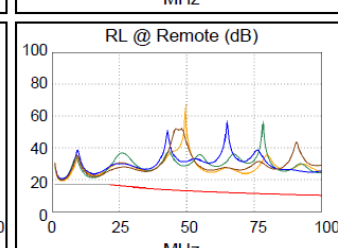
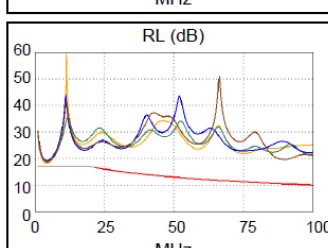
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	36-45	45-36
ACR-F (dB)	9.7	9.7	21.9	21.9
Freq. (MHz)	1.0	1.0	99.5	99.5
Limit (dB)	57.4	57.4	17.4	17.4
Worst Pair	45	45	36	36
PS ACR-F (dB)	10.9	10.8	24.2	24.2
Freq. (MHz)	1.0	1.0	97.3	99.5
Limit (dB)	54.4	54.4	14.6	14.4



N/A	MAIN	SR	MAIN	SR
Worst Pair	45-78	45-78	36-45	45-78
ACR-N (dB)	7.8	7.7	47.2	45.3
Freq. (MHz)	1.6	1.6	76.8	59.0
Limit (dB)	56.9	56.9	11.3	16.0
Worst Pair	45	45	36	45
PS ACR-N (dB)	9.8	9.6	33.1	47.2
Freq. (MHz)	1.6	1.6	26.9	62.0
Limit (dB)	53.9	53.9	24.9	12.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	12	78	12
RL (dB)	8.5	8.5	9.2	12.2
Freq. (MHz)	21.4	20.0	88.8	71.3
Limit (dB)	16.7	17.0	10.5	11.5



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