Cable ID: CAT6e 550MHz CABLE

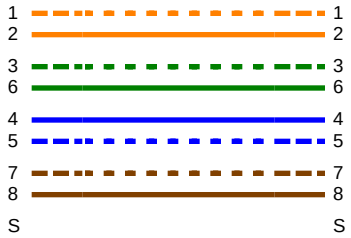
Test Summary: PASS

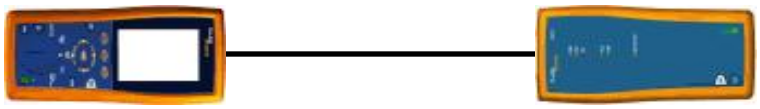
Date / Time: 03/14/2008 10:42:00am
Headroom: 9.5 dB (NEXT 12-78)
Test Limit: TIA Cat 6 Channel
Cable Type: CAT6 UTP SOLID

Operator: ICC Operator
Software Version: 2.0600
Limits Version: 1.2500
NVP: 69.0%

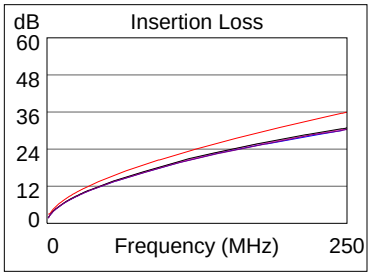
Model: DTX-1800
Main S/N: 9503051
Remote S/N: 9503052
Main Adapter: DTX-CHA001
Remote Adapter: DTX-CHA001

Wire Map (T568B)
PASS





Length (ft), Limit 328	[Pair 78]	304
Prop. Delay (ns), Limit 555	[Pair 36]	476
Delay Skew (ns), Limit 50	[Pair 36]	28
Resistance (ohms)	[Pair 36]	13.9
Insertion Loss Margin (dB)	[Pair 45]	5.0
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	35.9

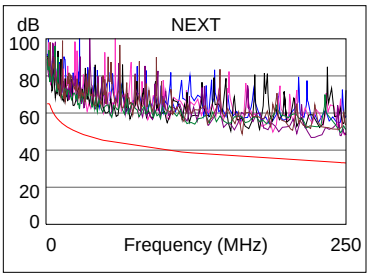


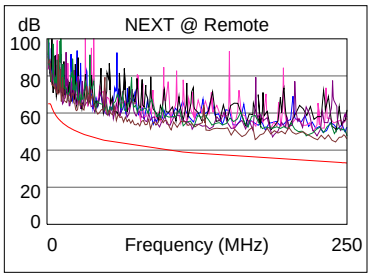
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	45-78
NEXT (dB)	9.5	9.6	12.8	11.0
Freq. (MHz)	7.9	5.1	221.0	240.5
Limit (dB)	58.3	61.3	34.0	33.4
Worst Pair	12	78	36	78
PSNEXT (dB)	10.3	10.3	14.7	12.1
Freq. (MHz)	5.1	5.1	245.0	240.5
Limit (dB)	58.8	58.8	30.3	30.4

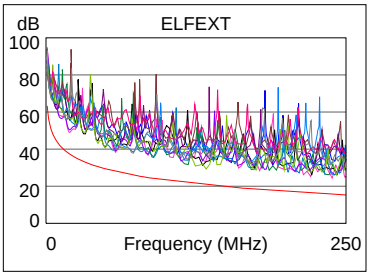
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	36-45	12-45	36-45
ELFEXT (dB)	8.5	8.6	8.7	8.6
Freq. (MHz)	221.0	231.0	238.0	231.0
Limit (dB)	16.4	16.0	15.7	16.0
Worst Pair	45	12	45	12
PSELFEXT (dB)	9.6	8.8	10.0	8.8
Freq. (MHz)	172.0	221.0	238.0	221.0
Limit (dB)	15.5	13.4	12.7	13.4

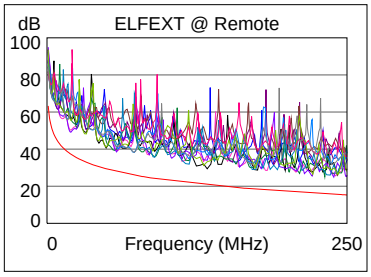
N/A	MAIN	SR	MAIN	SR
Worst Pair	12-78	12-78	36-45	45-78
ACR (dB)	10.3	10.3	19.5	16.5
Freq. (MHz)	5.1	5.1	245.5	240.5
Limit (dB)	56.8	56.8	-2.3	-1.7
Worst Pair	12	78	45	78
PSACR (dB)	11.1	11.0	19.9	17.6
Freq. (MHz)	5.0	5.3	249.0	240.5
Limit (dB)	54.5	54.0	-5.7	-4.7

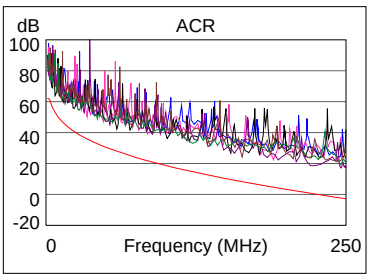
PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	78
RL (dB)	7.1	9.0	7.1	9.6
Freq. (MHz)	217.5	8.6	217.5	102.5
Limit (dB)	8.6	19.0	8.6	11.9

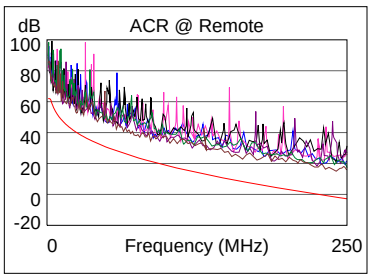


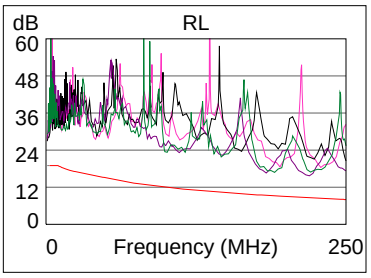


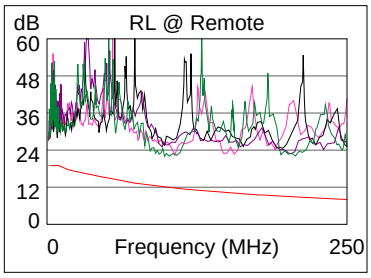












Compliant Network Standards:

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 3.01

Project: DEFAULT
Site: ICC