

Network Cable CAT6 UTP Datasheet



Cable ID: CAT6 UTP 1/0.55CU 73M

Test Summary: PASS

Date / Time: 05/26/2012 11:54:54am
 Headroom: 6.7 dB (NEXT 12-78)
 Test Limit: TIA Cat 6 Channel
 Cable Type: Cat 6 UTP

Operator: GZQ
 Software Version: 1.3100
 Limits Version: 1.0200
 NVP: 69.0%

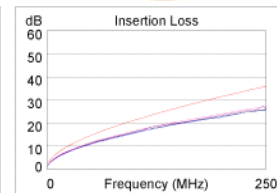
Model: DTX-1200
 Main S/N: 9324079
 Remote S/N: 9324080
 Main Adapter: DTX-CHA001
 Remote Adapter: DTX-CHA001

Wire Map (T568B)
 PASS

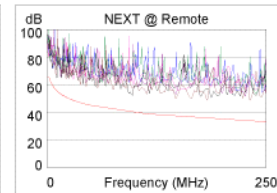
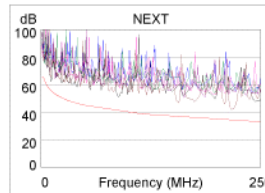


Length (ft), Limit 328 [Pair 12] 238
 Prop. Delay (ns), Limit 555 [Pair 36] 367
 Delay Skew (ns), Limit 50 [Pair 36] 16
 Resistance (ohms) [Pair 36] 11.8

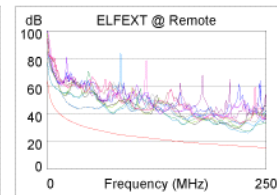
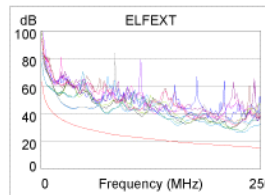
Insertion Loss Margin (dB) [Pair 36] 8.7
 Frequency (MHz) [Pair 36] 250.0
 Limit (dB) [Pair 36] 35.9



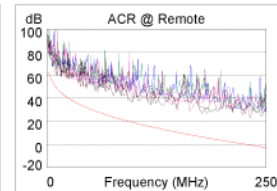
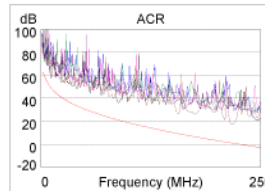
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	12-78	45-78	12-78
NEXT (dB)	6.7	9.2	7.5	13.0
Freq. (MHz)	11.4	11.6	217.5	176.5
Limit (dB)	55.7	55.5	34.2	35.7
Worst Pair	78	78	78	45
PSNEXT (dB)	8.2	10.9	10.2	13.4
Freq. (MHz)	11.1	11.4	217.5	148.5
Limit (dB)	53.2	53.1	31.2	34.1



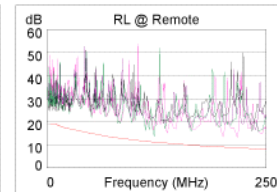
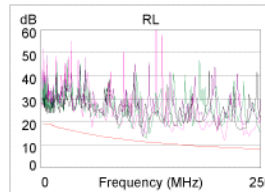
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-36	45-36	45-36	45-36
ELFEXT (dB)	10.0	9.9	10.0	9.9
Freq. (MHz)	229.0	228.5	229.5	228.5
Limit (dB)	16.1	16.1	16.0	16.1
Worst Pair	36	45	36	45
PSELFEXT (dB)	11.8	12.2	11.8	12.3
Freq. (MHz)	223.5	224.0	223.5	231.5
Limit (dB)	13.3	13.3	13.3	13.0



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	12-78	12-78	45-78	45-78
ACR (dB)	8.4	10.8	16.2	23.8
Freq. (MHz)	11.4	11.6	217.5	231.5
Limit (dB)	48.9	48.7	1.0	-0.7
Worst Pair	78	78	78	78
PSACR (dB)	9.8	12.6	18.8	26.6
Freq. (MHz)	11.1	11.4	217.5	231.5
Limit (dB)	46.5	46.3	-1.9	-3.6



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	78	78	12	12
RL (dB)	1.4	2.7	3.3	4.1
Freq. (MHz)	119.5	122.5	209.0	201.5
Limit (dB)	11.2	11.1	8.8	9.0



Compliant Network Standards:
 10BASE-T 100BASE-TX 100BASE-T4
 100BASE-T ATM-25 ATM-51
 ATM-155 100VG-AnyLan TR-4
 TR-16 Active TR-16 Passive

Project: DEFAULT
 Site: SPRING

UNTITLED.flw



Temperature range min. -20° C
Temperature range max. 70° C

Item No.	Network Cable CAT6 UTP
B/N	608428/609039/608624/608710/608765
Jacker, outer dimension	PVC 5.8mm
Cross section area	4 x 2 x 0.27 sqmm
strand per conductor	7 x 0.22 mm
Conductor material	CCA
color	WHITE
AWG	23AWG
Frequency range	250MHZ