LINKWARE™ PC
CABLE TEST MANAGEMENT SOFTWARE

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
UTP CAT6 CCA LSZH	PASS	TIA Cat 6 Channel	296 ft	6.9 dB (NEXT)	12/18/2021 09:09 AM

Total Length:	296 ft
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0

Cable ID: UTP CAT6 CCA LSZH

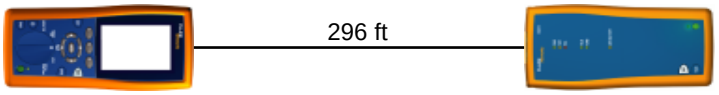
Test Limit: TIA Cat 6 Channel
Limits Version: 1.9500
Date / Time: 12/18/2021 09:09:02 AM
Operator: SHEN
Headroom 6.9 dB (NEXT 1,2-3,6)
Cable Type: Cat 6 U/UTP
NVP: 69.0%

Main: DTX CableAnalyzer
S/N: 1251159
Software Version: 2.7800
Calibration Date: 03/09/2010
Adapter: DTX-CHA002
S/N: MCHAXCW

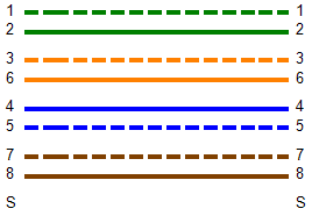
Test Summary: PASS

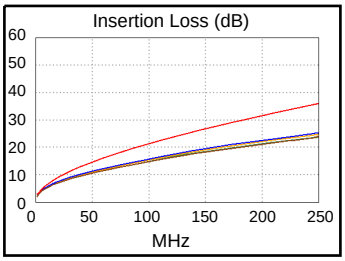
Remote: DTX CableAnalyzer
S/N: 1251160
Software Version: 2.7800
Calibration Date: 03/09/2010
Adapter: DTX-CHA002
S/N: MCHLMS0

Length (ft), Limit 328	[Pair 7,8]	296
Prop. Delay (ns), Limit 555	[Pair 4,5]	452
Delay Skew (ns), Limit 50	[Pair 4,5]	16
Resistance (ohms)	[Pair 4,5]	19.4
Insertion Loss Margin (dB)	[Pair 4,5]	10.8
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

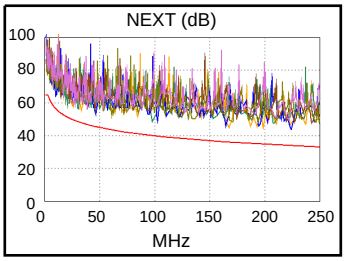


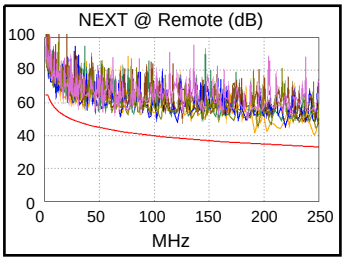
Wire Map (T568A)
PASS



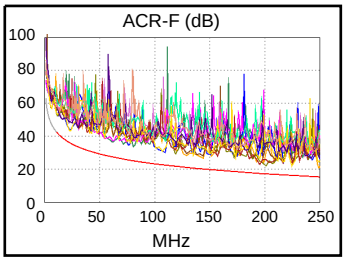


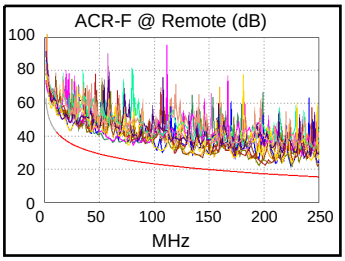
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	1,2-7,8	1,2-3,6
NEXT (dB)	7.0	6.9	10.0	7.6
Freq. (MHz)	10.3	191.5	224.0	246.0
Limit (dB)	56.4	35.1	33.9	33.2
Worst Pair	1,2	1,2	1,2	1,2
PS NEXT (dB)	7.3	8.1	11.2	9.6
Freq. (MHz)	30.8	26.4	223.5	246.0
Limit (dB)	45.8	47.0	31.0	30.3



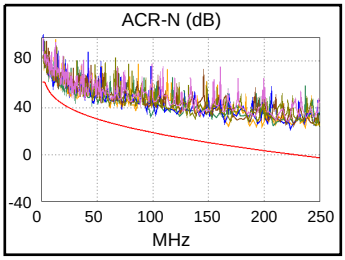


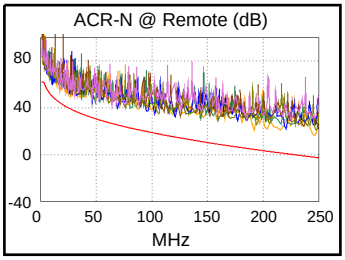
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	3,6-1,2
ACR-F (dB)	4.8	4.9	5.5	6.5
Freq. (MHz)	201.0	195.5	249.0	249.0
Limit (dB)	17.2	17.4	15.3	15.3
Worst Pair	3,6	3,6	3,6	1,2
PS ACR-F (dB)	7.3	7.2	7.3	7.8
Freq. (MHz)	249.0	199.5	249.0	249.5
Limit (dB)	12.3	14.3	12.3	12.3



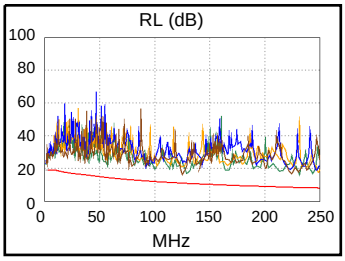


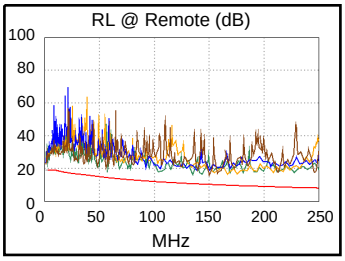
N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-7,8	1,2-3,6	1,2-7,8	1,2-3,6
ACR-N (dB)	8.1	9.5	21.3	18.7
Freq. (MHz)	10.3	26.5	224.0	246.0
Limit (dB)	50.0	39.2	0.2	-2.4
Worst Pair	7,8	1,2	1,2	3,6
PS ACR-N (dB)	9.4	10.7	22.4	20.8
Freq. (MHz)	10.3	26.4	223.5	246.0
Limit (dB)	47.4	36.5	-2.6	-5.3





PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	1,2	1,2	1,2
RL (dB)	5.2	5.1	7.7	5.1
Freq. (MHz)	125.0	144.5	231.5	144.5
Limit (dB)	11.0	10.4	8.4	10.4





Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	5GBASE-T
ATM-25	ATM-51	ATM-155
100VG-AnyLan	TR-4	TR-16 Active
TR-16 Passive		