



Cable ID: 0.54CU UTP CAT6 2018.6.30

Test Summary: PASS

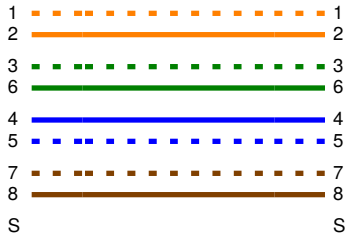
Date / Time: 06/30/2018 12:25:41pm
Headroom: 3.5 dB (NEXT 12-45)
Test Limit: TIA Cat 6 Channel
Cable Type: Cat 6 UTP

Operator: XU HAO
Software Version: 2.1200
Limits Version: 1.2800
NVP: 69.0%

Model: DTX-1800
Main S/N: 9557049
Remote S/N: 9557050
Main Adapter: DTX-CHA001
Remote Adapter: DTX-CHA001

Wire Map (T568B)

PASS

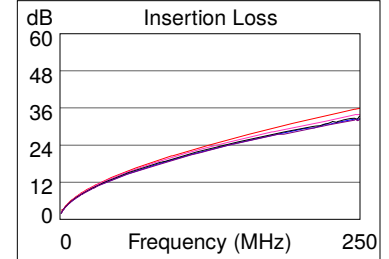


332 ft

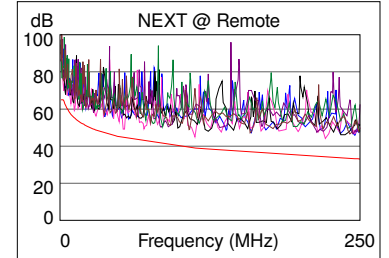
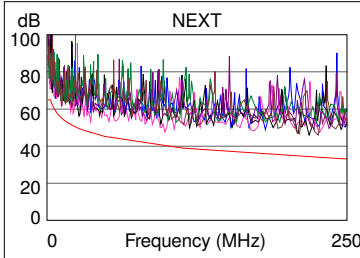


Length (ft), Limit 328 [Pair 78] 332
Prop. Delay (ns), Limit 555 507
Delay Skew (ns), Limit 50 18
Resistance (ohms) [Pair 78] 16.7

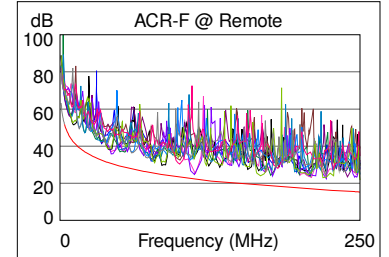
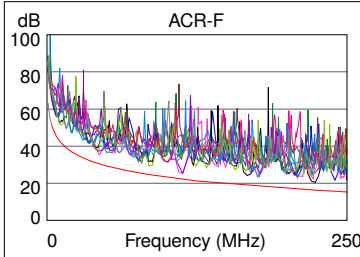
Insertion Loss Margin (dB) [Pair 36] 2.0
Frequency (MHz) [Pair 36] 249.0
Limit (dB) [Pair 36] 35.9



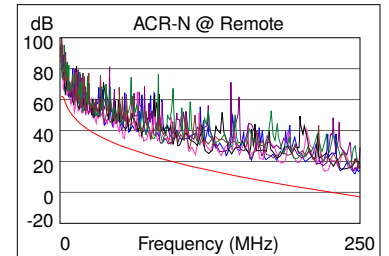
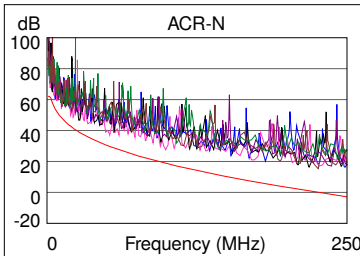
	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	45-78	12-45
NEXT (dB)	5.5	3.5	10.8	9.4
Freq. (MHz)	12.0	12.3	209.5	222.0
Limit (dB)	55.3	55.1	34.4	34.0
Worst Pair	45	45	78	12
PS NEXT (dB)	5.8	5.1	11.4	11.4
Freq. (MHz)	12.1	12.1	209.0	233.5
Limit (dB)	52.6	52.6	31.5	30.7



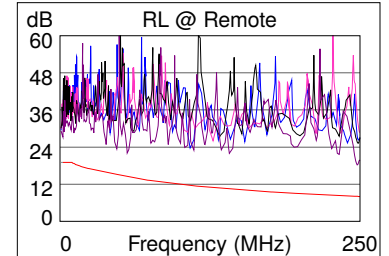
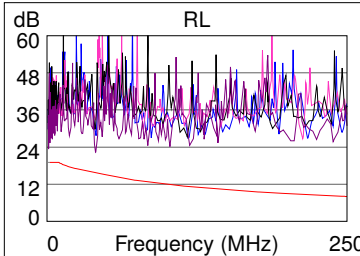
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-45	45-12	12-78	78-12
ACR-F (dB)	2.2	2.5	4.1	3.5
Freq. (MHz)	112.0	112.0	223.5	223.5
Limit (dB)	22.3	22.3	16.3	16.3
Worst Pair	45	12	12	12
PS ACR-F (dB)	4.5	4.5	6.6	5.5
Freq. (MHz)	112.0	112.0	223.0	207.0
Limit (dB)	19.3	19.3	13.3	13.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	12-45	12-45	12-36
ACR-N (dB)	5.9	3.8	15.4	14.4
Freq. (MHz)	12.0	12.3	227.5	245.5
Limit (dB)	48.3	48.1	-0.2	-2.3
Worst Pair	45	45	45	36
PS ACR-N (dB)	6.1	5.4	15.6	14.9
Freq. (MHz)	12.1	12.1	227.0	245.0
Limit (dB)	45.6	45.6	-3.1	-5.2



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	78
RL (dB)	6.4	6.6	6.4	10.2
Freq. (MHz)	40.5	56.5	40.5	247.5
Limit (dB)	15.9	14.5	15.9	8.1



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