



Cable ID: CAT5E-UTP-10M

Test Summary: PASS

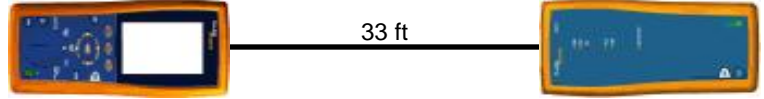
Date / Time: 12/23/2022 02:34:44pm
Headroom: 16.3 dB (NEXT 45-78)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e UTP

Operator: 01
 Software Version: 2.5200
 Limits Version: 1.7000
 NVP: 69.0%

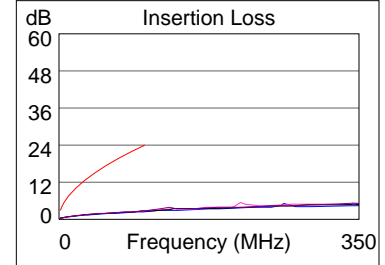
Model: DTX-1800
 Main S/N: 1953007
 Remote S/N: 1953008
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

Wire Map (T568B)

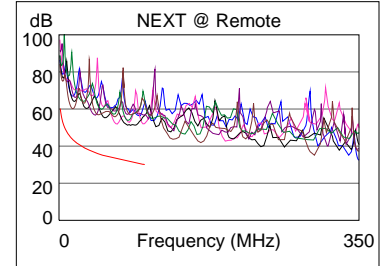
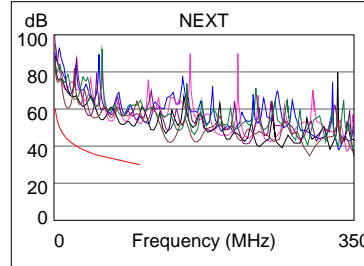
PASS



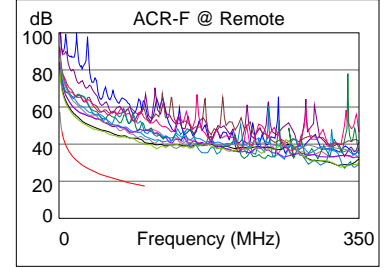
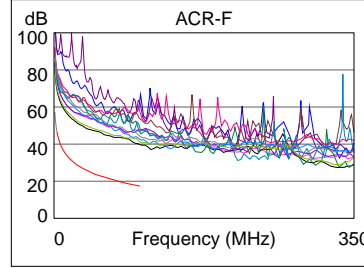
Length (ft), Limit 328	[Pair 12]	33
Prop. Delay (ns), Limit 555		51
Delay Skew (ns), Limit 50		2
Resistance (ohms)	[Pair 12]	2.8
Insertion Loss Margin (dB)	[Pair 36]	21.3
Frequency (MHz)	[Pair 36]	100.0
Limit (dB)	[Pair 36]	24.0



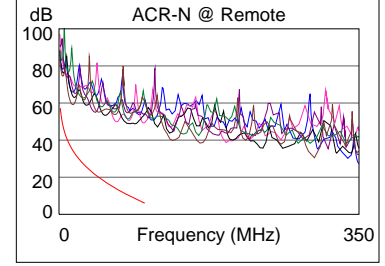
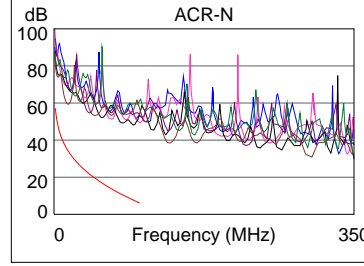
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	45-78	45-78	12-78	12-78
NEXT (dB)	16.6	16.3	20.0	19.5
Freq. (MHz)	15.0	14.8	92.5	80.3
Limit (dB)	44.1	44.2	30.7	31.7
Worst Pair	45	78	12	12
PS NEXT (dB)	18.9	18.2	21.0	20.0
Freq. (MHz)	15.0	15.0	94.5	81.3
Limit (dB)	41.1	41.1	27.5	28.6



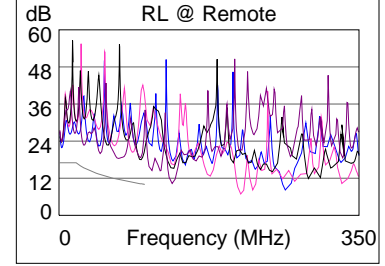
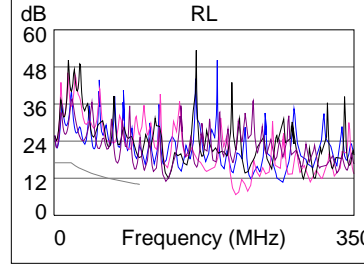
	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
PASS				
Worst Pair	12-78	78-12	12-78	78-12
ACR-F (dB)	22.4	22.5	22.4	22.7
Freq. (MHz)	99.8	3.8	99.8	99.8
Limit (dB)	17.4	45.9	17.4	17.4
Worst Pair	78	12	78	12
PS ACR-F (dB)	23.5	24.2	23.5	24.6
Freq. (MHz)	99.8	5.1	99.8	99.8
Limit (dB)	14.4	40.2	14.4	14.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	45-78	45-78	12-78	12-78
ACR-N (dB)	22.9	23.1	40.4	38.4
Freq. (MHz)	1.8	2.0	92.5	80.3
Limit (dB)	56.4	55.3	7.7	10.4
Worst Pair	78	78	12	78
PS ACR-N (dB)	23.1	23.6	41.9	38.9
Freq. (MHz)	1.8	2.0	94.5	80.5
Limit (dB)	53.4	52.3	4.2	7.4



	Worst Case Margin		Worst Case Value	
	MAIN	SR	MAIN	SR
N/A				
Worst Pair	78	12	78	45
RL (dB)	4.6	4.8	4.6	7.7
Freq. (MHz)	94.5	3.1	94.5	94.8
Limit (dB)	10.3	17.0	10.3	10.2



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