



Cable ID: CAT5E-UTP-75FT

Date / Time: 10/13/2018 11:09:41 AM

Headroom 10.8 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: KARIM

Software Version: 2.7800

Limits Version: 1.9500

Calibration Date:

Main (Tester): 11/01/2016

Remote (Tester): 11/01/2016

Test Summary: PASS

Model: DTX-1800

Main S/N: 3178039

Remote S/N: 3178046

Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

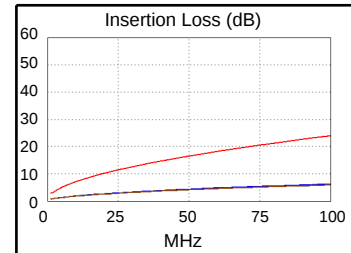
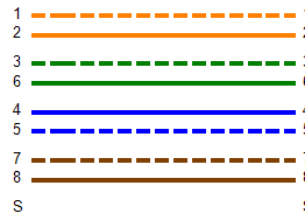
Length (ft), Limit 328	[Pair 78]	75
Prop. Delay (ns), Limit 555	[Pair 36]	116
Delay Skew (ns), Limit 50	[Pair 36]	2
Resistance (ohms)	[Pair 36]	4.1
Insertion Loss Margin (dB)	[Pair 12]	17.8
Frequency (MHz)	[Pair 12]	100.0
Limit (dB)	[Pair 12]	24.0



75 ft

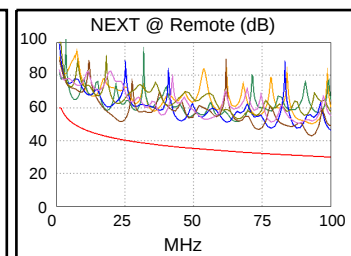
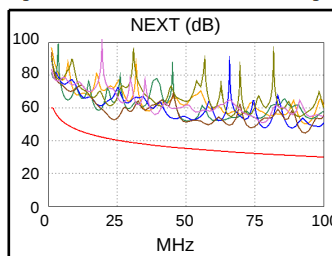


Wire Map (T568B)
PASS

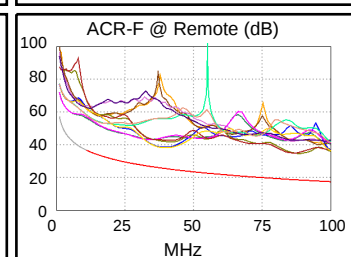
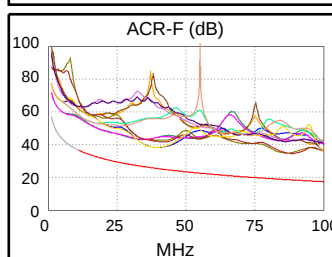


Worst Case Margin Worst Case Value

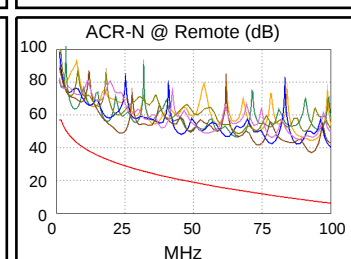
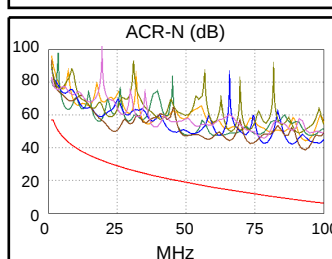
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	12.1	10.8	14.1	12.4
Freq. (MHz)	23.6	23.3	92.8	93.0
Limit (dB)	40.8	40.9	30.6	30.6
Worst Pair	36	36	36	36
PS NEXT (dB)	14.6	13.4	15.8	14.6
Freq. (MHz)	23.6	23.3	93.0	93.0
Limit (dB)	37.8	37.9	27.6	27.6



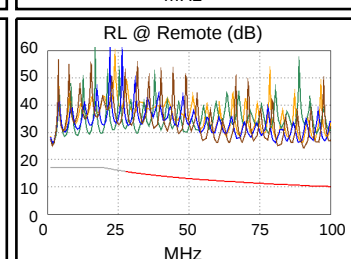
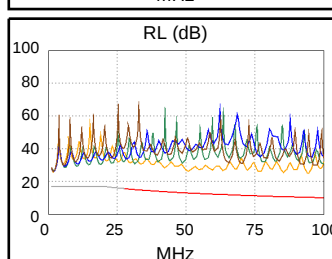
PASS	MAIN	SR	MAIN	SR
Worst Pair	78-12	78-12	45-36	36-45
ACR-F (dB)	12.6	12.5	16.1	16.0
Freq. (MHz)	37.8	37.8	88.3	88.3
Limit (dB)	25.9	25.9	18.5	18.5
Worst Pair	12	12	36	36
PS ACR-F (dB)	14.5	14.5	17.9	18.1
Freq. (MHz)	36.0	36.5	88.3	87.0
Limit (dB)	23.3	23.2	15.5	15.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-45	36-45	36-45	36-45
ACR-N (dB)	19.4	19.0	31.2	29.5
Freq. (MHz)	6.3	22.8	93.0	93.0
Limit (dB)	44.8	30.2	7.5	7.5
Worst Pair	45	45	36	36
PS ACR-N (dB)	20.7	20.3	33.0	31.8
Freq. (MHz)	1.6	1.6	93.0	93.0
Limit (dB)	53.9	53.9	4.5	4.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	12	78	12	78
RL (dB)	13.2	13.7	14.7	13.8
Freq. (MHz)	50.5	81.8	94.3	90.5
Limit (dB)	13.0	10.9	10.3	10.4



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	