



Cable ID: CAT.6 U/UTP-24AWG 1/0. 53-1

Date / Time: 10/23/ 2019 04:12:23 PM

Headroom 4.5 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator:

Software Version: V6.2 Build 1

Limits Version: V7.2

Calibration Date:

Main (Module): 08/19/2019

Remote (Module): 08/19/2019

Test Summary: PASS

Model: DSX-8000

Main S/N: 1836496

Remote S/N: 1836694

Main Adapter: DSX-PLA804

Remote Adapter: DSX-PLA804

Length (ft), Limit 295	[Pair 78]	300
Prop. Delay (ns), Limit 498	[Pair 45]	468
Delay Skew (ns), Limit 44	[Pair 45]	26
Resistance (ohms)	[Pair 45]	15.50
Insertion Loss Margin (dB)	[Pair 45]	1.5
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1



316 ft



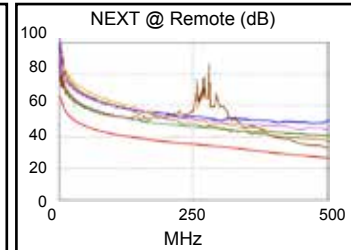
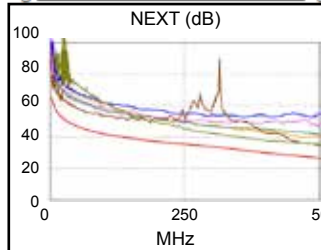
Wire Map (T568B)

PASS

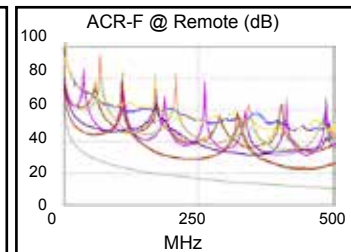
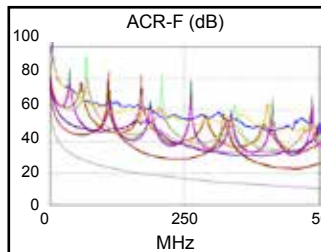


Worst Case Margin Worst Case Value

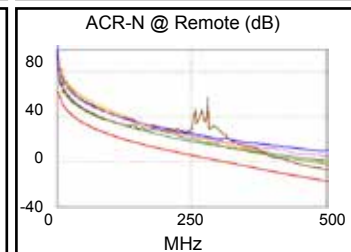
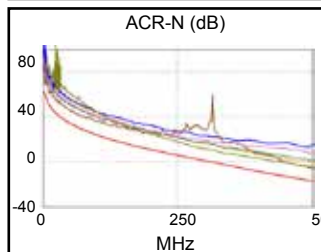
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	36-45	36-78
NEXT (dB)	4.5	5.4	6.0	7.1
Freq. (MHz)	30.6	15.1	247.0	215.0
Limit (dB)	50.1	55.0	34.4	36.4
Worst Pair	36	36	36	36
PS NEXT (dB)	4.8	5.9	8.0	8.0
Freq. (MHz)	30.4	43.3	249.5	227.0
Limit (dB)	47.7	45.3	32.7	33.4



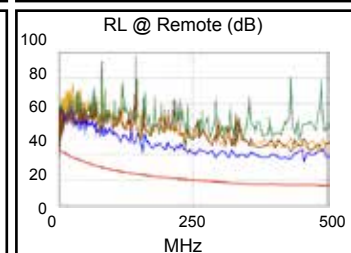
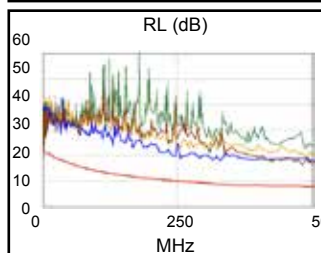
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	36-45	45-36	36-45
ACR-F (dB)	2.8	2.8	2.8	2.8
Freq. (MHz)	192.5	192.5	192.5	192.5
Limit (dB)	18.5	18.5	18.5	18.5
Worst Pair	36	36	36	36
PS ACR-F (dB)	4.7	4.9	4.7	4.9
Freq. (MHz)	193.5	193.5	193.5	193.5
Limit (dB)	18.5	18.5	15.5	15.5



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-78	36-45	36-45
ACR-N (dB)	4.7	5.8	7.6	9.9
Freq. (MHz)	30.6	15.3	247.0	248.5
Limit (dB)	40.3	48.1	4.5	4.4
Worst Pair	36	36	36	36
PS ACR-N (dB)	5.0	6.2	9.5	10.7
Freq. (MHz)	30.4	43.0	249.5	248.0
Limit (dB)	37.9	33.5	1.7	1.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	12	78	78
RL (dB)	6.2	5.2	6.2	9.5
Freq. (MHz)	208.5	3.6	208.5	208.5
Limit (dB)	10.8	21.0	10.8	10.8



Compliant Network Standards:

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