



Cable ID: WONDERFUL_CAT6_UTP-PER

Date / Time: 06/02/2018 05:55:11 PM

Headroom 5.7 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Operator: www.iranfluke.ir

Software Version: V5.1 Build 4

Limits Version: V6.1

Calibration Start Date:

Main (Module): 12/14/2017

Remote (Module): 12/14/2017

Test Summary: PASS

Model: DSX-8000

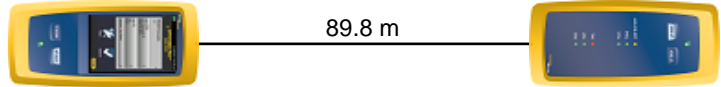
Main S/N: 1719046

Remote S/N: 1719045

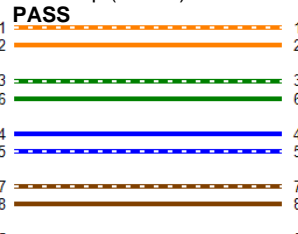
Main Adapter: DSX-PLA804

Remote Adapter: DSX-PLA804

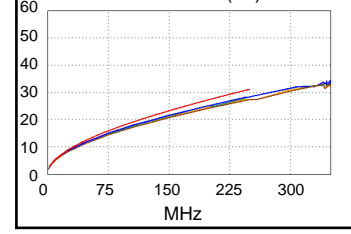
Length (m), Limit 90.0	[Pair 78]	89.8
Prop. Delay (ns), Limit 498	[Pair 45]	460
Delay Skew (ns), Limit 44	[Pair 45]	26
Resistance (ohms)	[Pair 45]	14.15
Insertion Loss Margin (dB)	[Pair 45]	2.4
Frequency (MHz)	[Pair 45]	247.0
Limit (dB)	[Pair 45]	30.9



Wire Map (T568B)

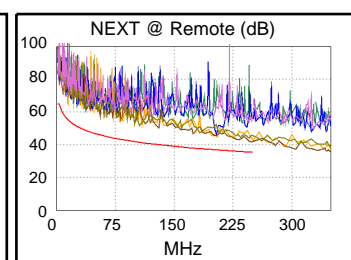
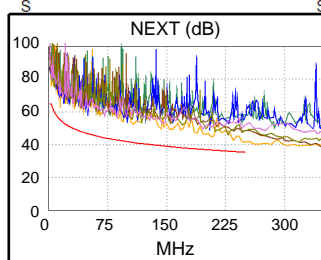


Insertion Loss (dB)

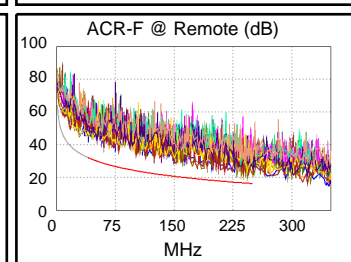
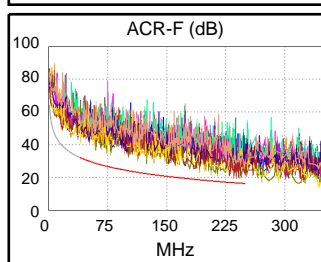


Worst Case Margin Worst Case Value

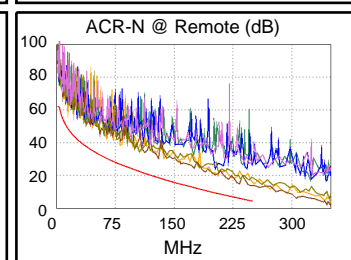
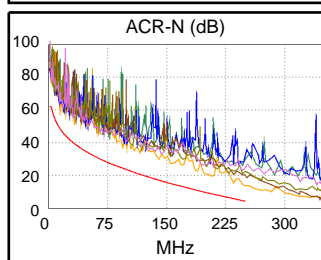
PASS	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-36	36-45
NEXT (dB)	5.7	5.9	5.7	5.9
Freq. (MHz)	248.5	247.0	248.5	247.0
Limit (dB)	35.4	35.4	35.4	35.4
Worst Pair	36	36	36	36
PS NEXT (dB)	7.1	5.3	7.1	5.3
Freq. (MHz)	248.5	247.0	248.5	247.0
Limit (dB)	32.7	32.8	32.7	32.8



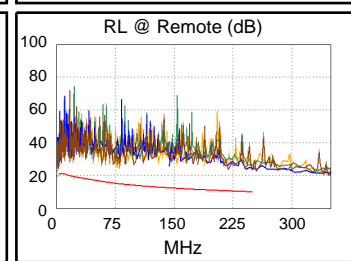
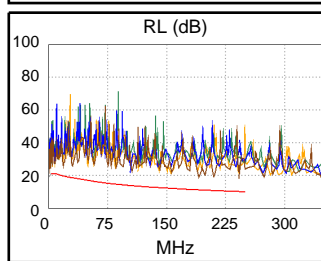
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	4.2	4.2	4.2	4.8
Freq. (MHz)	244.5	230.5	244.5	249.5
Limit (dB)	16.4	16.9	16.4	16.2
Worst Pair	36	36	45	36
PS ACR-F (dB)	6.6	6.7	6.6	6.7
Freq. (MHz)	230.0	250.0	244.5	250.0
Limit (dB)	14.0	13.2	13.4	13.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	12-36	36-45	12-36	36-45
ACR-N (dB)	9.0	8.3	9.0	8.3
Freq. (MHz)	248.0	247.0	248.0	247.0
Limit (dB)	4.4	4.5	4.4	4.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	10.4	8.3	10.4	8.3
Freq. (MHz)	248.5	247.0	248.5	247.0
Limit (dB)	1.8	1.9	1.8	1.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	45
RL (dB)	5.5	8.3	6.3	13.1
Freq. (MHz)	8.3	3.8	192.5	247.0
Limit (dB)	21.0	21.0	11.2	10.1



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		