
Cable ID test cable rafsanjan	Summary PASS*	Test Limit TIA Cat 6 Perm. Link	Length 84.4 m	Headroom 9.4 dB (NEXT)	Date / Time 01/14/2017 08:37 PM
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Total Length:	84.4 m
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: test cable rafsanjan

Date / Time: 01/14/2017 08:37:40 PM

Headroom 9.4 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 U/UTP

Calibration Date: 06/30/2015

Operator: ROSTAMI

Software Version: V4.2 Build 6

Limits Version: V4.2

NVP: 69.0%

Test Summary: PASS

Model: DSX-5000

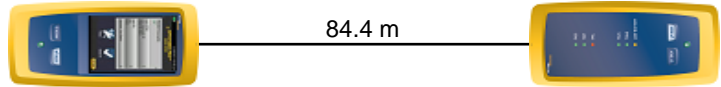
Main S/N: 2968179

Remote S/N: 2968142

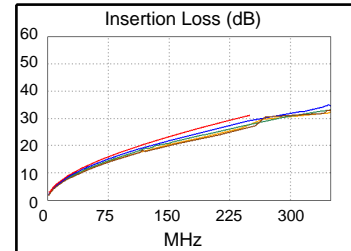
Main Adapter: DSX-PLA004

Remote Adapter: DSX-PLA004

Length (m), Limit 90.0	[Pair 78]	84.4
Prop. Delay (ns), Limit 498	[Pair 45]	431
Delay Skew (ns), Limit 44	[Pair 45]	23
Resistance (ohms)		N/A
Insertion Loss Margin (dB)	[Pair 45]	1.7
Frequency (MHz)	[Pair 45]	250.0
Limit (dB)	[Pair 45]	31.1

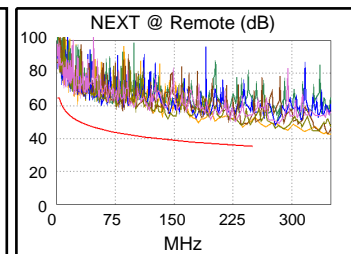
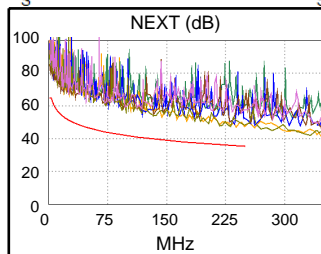


Wire Map (T568B)

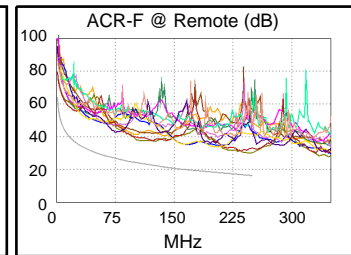
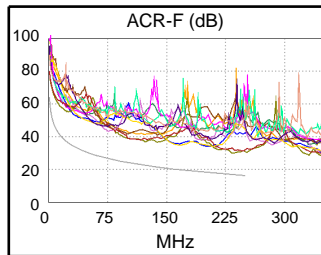


Worst Case Margin Worst Case Value

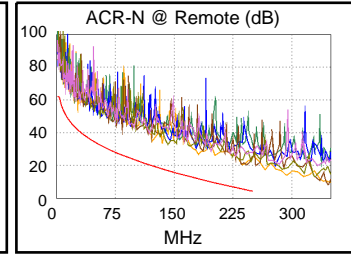
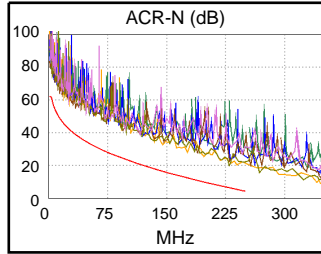
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	36-78	12-36
NEXT (dB)	9.4	11.4	9.4	11.4
Freq. (MHz)	229.5	237.5	229.5	237.5
Limit (dB)	35.9	35.7	35.9	35.7
Worst Pair	36	36	36	36
PS NEXT (dB)	9.6	10.6	9.6	10.6
Freq. (MHz)	230.0	237.0	230.0	237.0
Limit (dB)	33.3	33.1	33.3	33.1



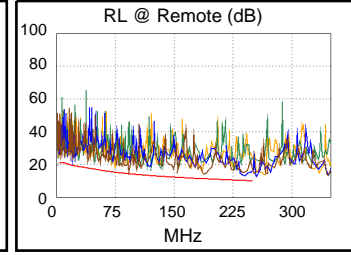
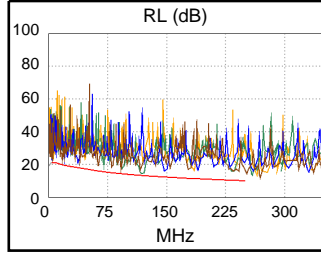
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	13.1	13.4	13.1	13.5
Freq. (MHz)	233.0	238.0	233.0	247.5
Limit (dB)	16.8	16.7	16.8	16.3
Worst Pair	36	36	45	45
PS ACR-F (dB)	15.9	16.1	15.9	16.5
Freq. (MHz)	102.0	102.5	233.0	247.5
Limit (dB)	21.0	21.0	13.8	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-78	12-36	12-36	12-36
ACR-N (dB)	13.6	13.7	15.2	14.5
Freq. (MHz)	229.5	27.0	248.5	237.5
Limit (dB)	6.3	41.8	4.4	5.5
Worst Pair	36	36	36	36
PS ACR-N (dB)	12.6	13.7	12.6	13.7
Freq. (MHz)	230.0	237.0	230.0	237.0
Limit (dB)	3.7	2.9	3.7	2.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	36	78	36	45
RL (dB)	0.8*	1.0	0.9	2.0
Freq. (MHz)	118.5	92.0	119.0	239.5
Limit (dB)	13.3	14.4	13.2	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	

* Measurement is within the accuracy limits of the instrument.