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<b>Cable ID</b>	<b>Summary</b>	<b>Test Limit</b>	<b>Length</b>	<b>Headroom</b>	<b>Date / Time</b>
CAT6 UTP MDKJ001	PASS	TIA Cat 6 Perm. Link	294 ft	5.8 dB (NEXT)	02/10/2022 13:16 PM
CAT6 UTP MDKJ002	PASS	TIA Cat 6 Perm. Link	294 ft	6.9 dB (NEXT)	02/10/2022 13:17 PM

Total Length:	588 ft
Number of Reports:	2
Number of Passing Reports:	2
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



**Cable ID: CAT6 UTP MDKJ001**

Date / Time: 02/10/2022 13:16:14 PM

Headroom 5.8 dB (NEXT 3,6-4,5)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Software Version: V6.6 Build 2

Limits Version: V7.6

Calibration Date:

Main (Module): 11/04/2021

Remote (Module): 11/04/2021

**Test Summary: PASS**

Model: DSX-8000

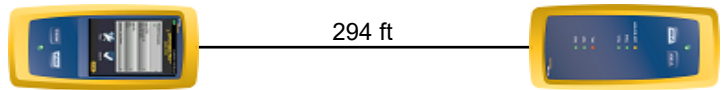
Main S/N: 1807189

Remote S/N: 1807243

Main Adapter: DSX-PLA804

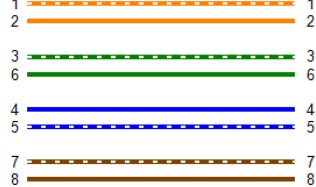
Remote Adapter: DSX-PLA804

Length (ft), Limit 295	[Pair 4,5]	294
Prop. Delay (ns), Limit 498	[Pair 1,2]	453
Delay Skew (ns), Limit 44	[Pair 1,2]	20
Resistance (ohms)	[Pair 1,2]	12.42
Insertion Loss Margin (dB)	[Pair 7,8]	2.8
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

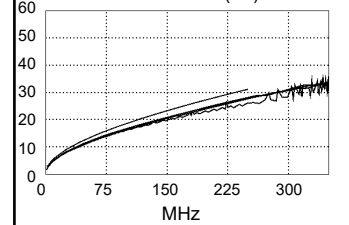


Wire Map (T568B)

**PASS**

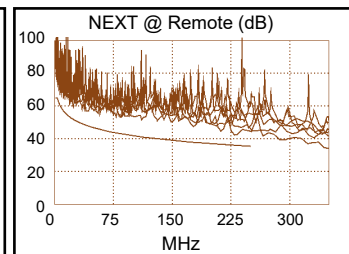
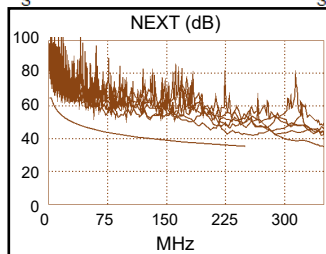


Insertion Loss (dB)

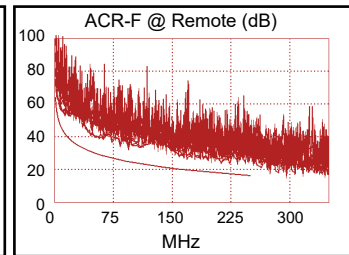
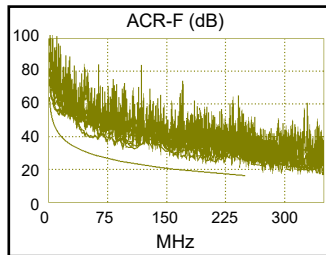


Worst Case Margin Worst Case Value

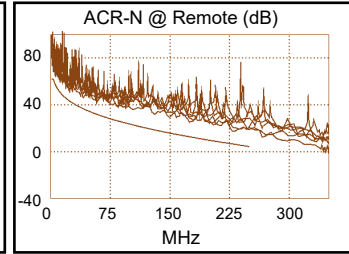
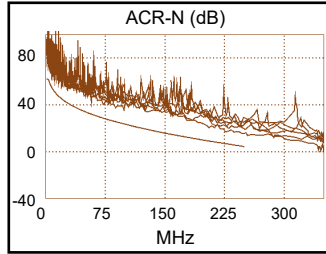
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	3,6-4,5	4,5-7,8	3,6-4,5
<b>NEXT (dB)</b>	6.9	5.8	7.2	5.8
Freq. (MHz)	227.0	231.5	247.0	231.5
Limit (dB)	36.0	35.9	35.4	35.9
Worst Pair	4,5	4,5	4,5	4,5
<b>PS NEXT (dB)</b>	8.1	7.0	8.2	7.1
Freq. (MHz)	227.0	231.5	246.5	232.0
Limit (dB)	33.4	33.3	32.8	33.2



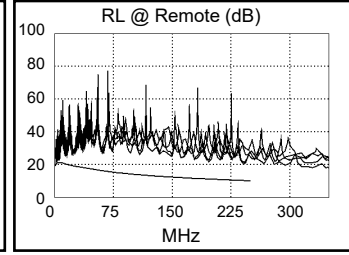
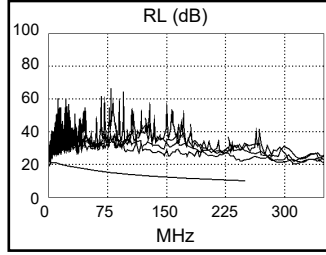
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	4,5-1,2	1,2-4,5	4,5-1,2
<b>ACR-F (dB)</b>	6.1	6.2	6.1	6.6
Freq. (MHz)	213.0	212.5	213.0	223.0
Limit (dB)	17.6	17.6	17.6	17.2
Worst Pair	4,5	1,2	4,5	1,2
<b>PS ACR-F (dB)</b>	7.7	8.1	7.7	8.2
Freq. (MHz)	223.0	222.5	223.0	232.5
Limit (dB)	14.2	14.2	14.2	13.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-4,5	4,5-7,8	3,6-4,5
<b>ACR-N (dB)</b>	8.5	8.3	10.3	8.9
Freq. (MHz)	4.0	24.0	247.0	230.5
Limit (dB)	60.6	43.1	4.5	6.2
Worst Pair	1,2	1,2	7,8	4,5
<b>PS ACR-N (dB)</b>	9.5	9.3	11.3	11.8
Freq. (MHz)	3.9	3.9	246.5	248.0
Limit (dB)	58.5	58.5	2.0	1.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	3,6	4,5
<b>RL (dB)</b>	5.5	3.5	11.6	10.1
Freq. (MHz)	5.0	6.0	244.5	241.5
Limit (dB)	21.0	21.0	10.1	10.2



Compliant Network Standards:

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



**Cable ID: CAT6 UTP MDKJ002**

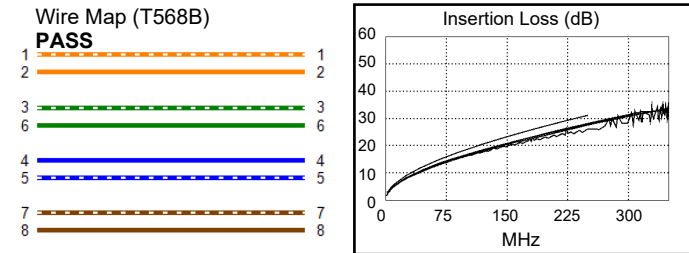
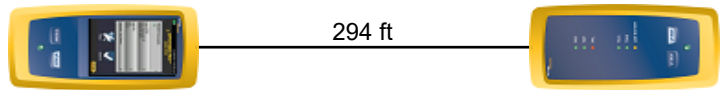
Date / Time: 02/10/2022 13:17:54 PM  
**Headroom 6.9 dB (NEXT 4,5-7,8)**  
**Test Limit: TIA Cat 6 Perm. Link**  
 Cable Type: Cat 6 U/UTP  
 NVP: 69.0%

Software Version: V6.6 Build 2  
 Limits Version: V7.6  
 Calibration Date:  
 Main (Module): 11/04/2021  
 Remote (Module): 11/04/2021

**Test Summary: PASS**

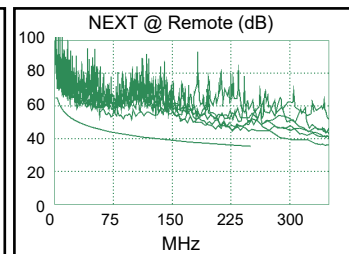
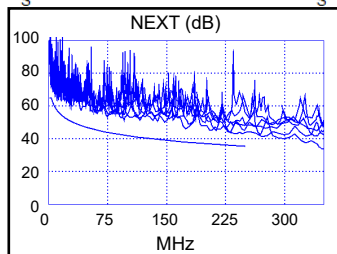
Model: DSX-8000  
 Main S/N: 1807189  
 Remote S/N: 1807243  
 Main Adapter: DSX-PLA804  
 Remote Adapter: DSX-PLA804

Length (ft), Limit 295	[Pair 4,5]	294
Prop. Delay (ns), Limit 498	[Pair 1,2]	453
Delay Skew (ns), Limit 44	[Pair 1,2]	20
Resistance (ohms)	[Pair 1,2]	12.42
Insertion Loss Margin (dB)	[Pair 7,8]	2.9
Frequency (MHz)	[Pair 7,8]	250.0
Limit (dB)	[Pair 7,8]	31.1

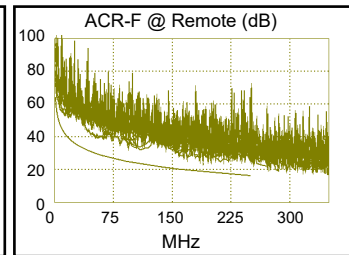
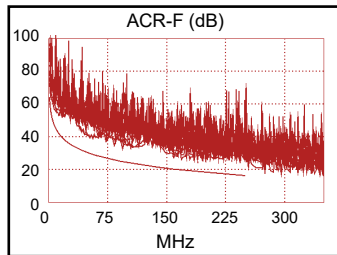


Worst Case Margin Worst Case Value

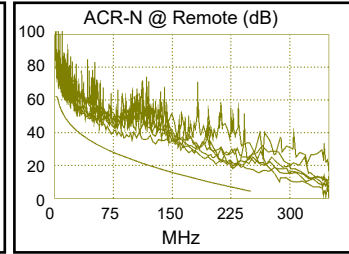
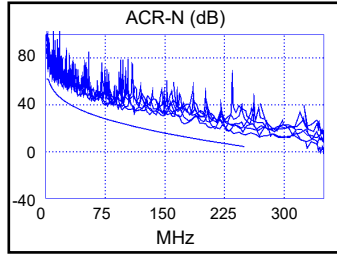
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-3,6	4,5-7,8	4,5-7,8
<b>NEXT (dB)</b>	6.9	7.4	6.9	8.3
Freq. (MHz)	236.5	28.6	236.5	227.0
Limit (dB)	35.7	50.6	35.7	36.0
Worst Pair	4,5	3,6	4,5	4,5
<b>PS NEXT (dB)</b>	6.9	8.6	6.9	9.9
Freq. (MHz)	247.5	28.6	247.5	246.5
Limit (dB)	32.8	48.2	32.8	32.8



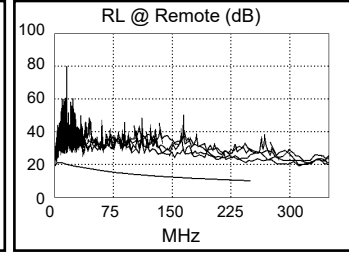
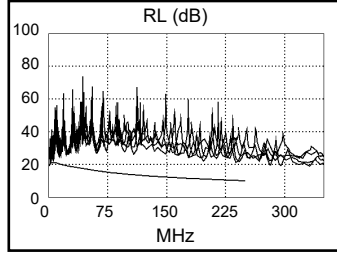
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	4,5-3,6	1,2-4,5
<b>ACR-F (dB)</b>	6.2	6.1	7.0	6.1
Freq. (MHz)	212.5	213.0	243.5	213.0
Limit (dB)	17.6	17.6	16.5	17.6
Worst Pair	3,6	4,5	3,6	4,5
<b>PS ACR-F (dB)</b>	8.0	7.3	8.7	7.3
Freq. (MHz)	212.0	212.5	243.0	212.5
Limit (dB)	14.7	14.6	13.5	14.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	4,5-7,8	4,5-7,8
<b>ACR-N (dB)</b>	8.2	8.5	10.5	12.3
Freq. (MHz)	10.5	28.6	247.0	247.0
Limit (dB)	51.8	41.1	4.5	4.5
Worst Pair	3,6	3,6	4,5	7,8
<b>PS ACR-N (dB)</b>	9.1	9.7	10.3	13.3
Freq. (MHz)	10.4	28.5	248.0	247.0
Limit (dB)	49.6	38.7	1.8	1.9



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	1,2	4,5	3,6
<b>RL (dB)</b>	3.4	6.5	10.9	11.0
Freq. (MHz)	6.0	3.6	238.5	244.5
Limit (dB)	21.0	21.0	10.2	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