



Cable ID: CAT.6A FTP 90M -1

Date / Time: 10/24/ 2019 02:18:56 PM

Headroom 2.4 dB (NEXT 36-45)

Test Limit: TIA Cat 6A Perm. Link

Cable Type: Cat6A S/FTP

NVP: 77.0%

Software Version: V6.2 Build 1

Limits Version: V7.2

Calibration Date:

Main (Module): 08/19/2019

Remote (Module): 08/19/2019

Model: DSX-8000

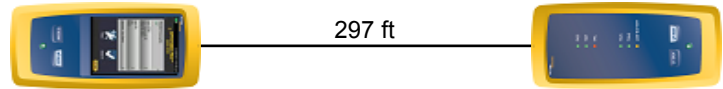
Main S/N: 1836496

Remote S/N: 1836694

Main Adapter: DSX-PLA804

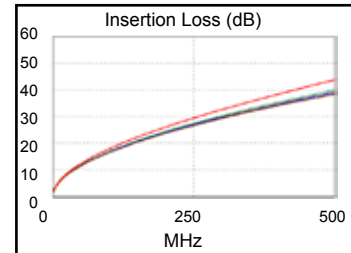
Remote Adapter: DSX-PLA804

Length (ft), Limit 295	[Pair 45]	297
Prop. Delay (ns), Limit 498	[Pair 12]	403
Delay Skew (ns), Limit 44	[Pair 12]	11
Resistance (ohms)	[Pair 12]	13.60
Insertion Loss Margin (dB)	[Pair 36]	3.8
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	43.8



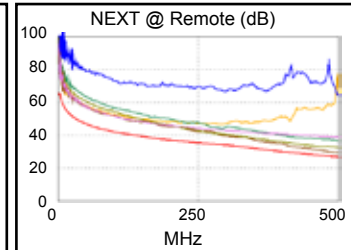
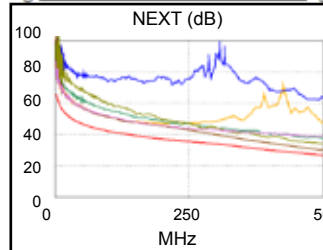
Wire Map (T568B)

PASS

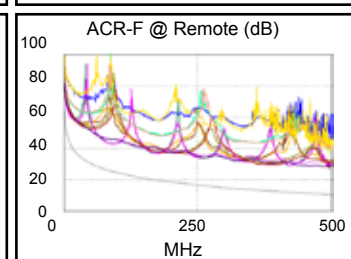
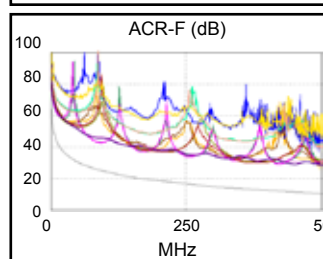


Worst Case Margin Worst Case Value

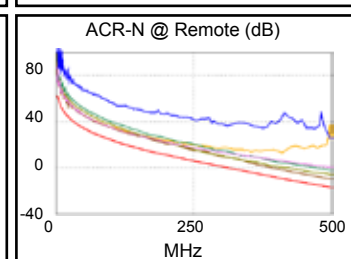
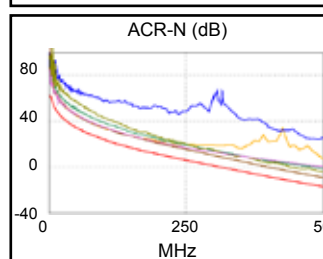
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.0	2.4	3.1	2.6
Freq. (MHz)	493.0	489.0	500.0	500.0
Limit (dB)	26.9	27.0	26.7	26.7
Worst Pair	36	36	36	36
PS NEXT (dB)	4.5	3.5	4.5	3.7
Freq. (MHz)	500.0	477.0	500.0	500.0
Limit (dB)	23.8	24.5	23.8	23.8



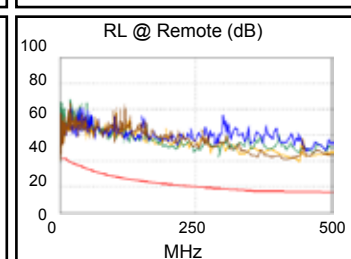
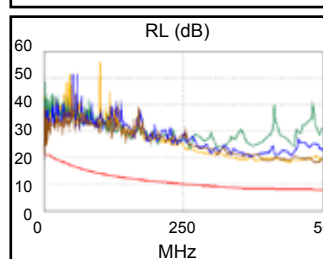
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	78-36	78-36
ACR-F (dB)	16.7	16.8	17.7	17.7
Freq. (MHz)	358.0	356.0	456.0	461.0
Limit (dB)	13.1	13.2	11.0	10.9
Worst Pair	36	36	36	36
PS ACR-F (dB)	16.5	13.4	17.0	17.0
Freq. (MHz)	1.0	1.1	498.0	498.0
Limit (dB)	61.2	60.2	7.2	7.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	7.7	7.1	7.9	7.4
Freq. (MHz)	493.0	489.0	500.0	500.0
Limit (dB)	-16.5	-16.2	-17.1	-17.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	8.2	6.9	8.3	7.5
Freq. (MHz)	498.0	465.0	500.0	500.0
Limit (dB)	19.8	-17.1	-20.0	-20.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	12	12
RL (dB)	5.6	6.1	7.4	11.9
Freq. (MHz)	4.1	4.3	442.0	441.0
Limit (dB)	21.0	21.0	8.0	8.0



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	



Cable ID: CAT.6A FTP 90M -2

Date / Time: 10/24/ 2019 02:27:07 PM

Headroom 2.4 dB (NEXT 36-45)

Test Limit: TIA Cat 6A Perm. Link

Cable Type: Cat6A S/FTP

NVP: 77.0%

Software Version: V6.2 Build 1

Limits Version: V7.2

Calibration Date:

Main (Module): 08/19/2019

Remote (Module): 08/19/2019

Model: DSX-8000

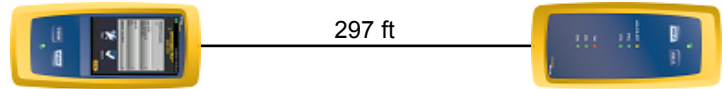
Main S/N: 1836496

Remote S/N: 1836694

Main Adapter: DSX-PLA804

Remote Adapter: DSX-PLA804

Length (ft), Limit 295	[Pair 45]	297
Prop. Delay (ns), Limit 498	[Pair 12]	403
Delay Skew (ns), Limit 44	[Pair 12]	11
Resistance (ohms)	[Pair 12]	13.60
Insertion Loss Margin (dB)	[Pair 36]	3.8
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	43.8

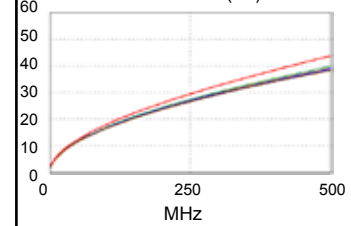


Wire Map (T568B)

PASS

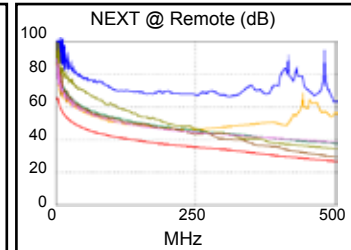
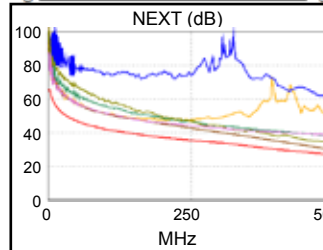


Insertion Loss (dB)

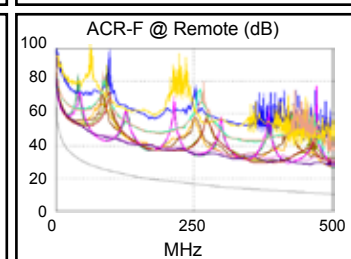
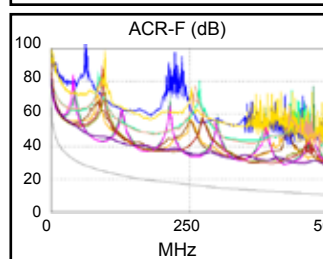


Worst Case Margin Worst Case Value

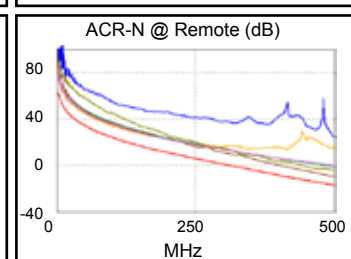
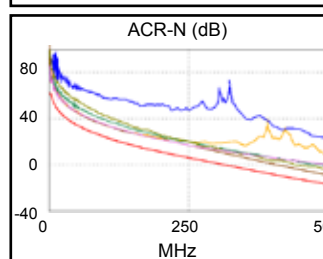
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	3.0	2.6	3.0	2.8
Freq. (MHz)	500.0	489.0	500.0	500.0
Limit (dB)	26.7	27.0	26.7	26.7
Worst Pair	36	36	36	36
PS NEXT (dB)	4.4	4.3	4.4	4.4
Freq. (MHz)	500.0	490.0	500.0	500.0
Limit (dB)	23.8	24.1	23.8	23.8



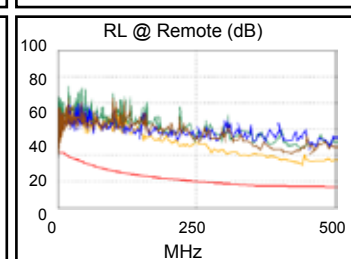
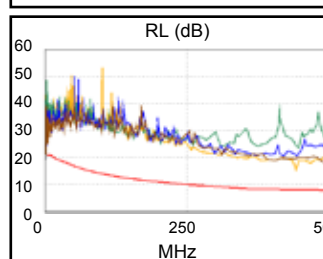
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	36-12	12-36
ACR-F (dB)	16.7	16.5	17.7	16.2
Freq. (MHz)	360.0	356.0	499.0	500.0
Limit (dB)	13.1	13.2	7.2	7.2
Worst Pair	36	36	36	36
PS ACR-F (dB)	16.9	16.2	17.3	17.0
Freq. (MHz)	369.0	500.0	498.0	498.0
Limit (dB)	9.8	7.2	7.2	7.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	7.8	7.3	7.8	7.6
Freq. (MHz)	500.0	488.0	500.0	500.0
Limit (dB)	-17.1	-16.1	-17.1	-17.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	8.2	7.8	8.2	8.2
Freq. (MHz)	500.0	466.0	500.0	500.0
Limit (dB)	-20.0	-17.2	-20.0	-20.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	12	12
RL (dB)	5.9	6.0	7.3	8.3
Freq. (MHz)	4.3	4.3	442.0	441.0
Limit (dB)	21.0	21.0	8.0	8.0



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	



Cable ID: CAT.6A FTP 90M -3

Date / Time: 10/24/ 2019 02:31:10 PM

Headroom 2.4 dB (NEXT 36-45)

Test Limit: TIA Cat 6A Perm. Link

Cable Type: Cat6A S/FTP

NVP: 77.0%

Software Version: V6.2 Build 1

Limits Version: V7.2

Calibration Date:

Main (Module): 08/19/2019

Remote (Module): 08/19/2019

Model: DSX-8000

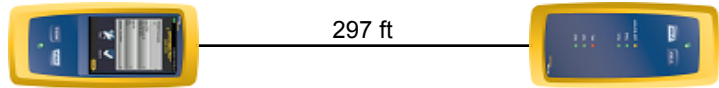
Main S/N: 1836496

Remote S/N: 1836694

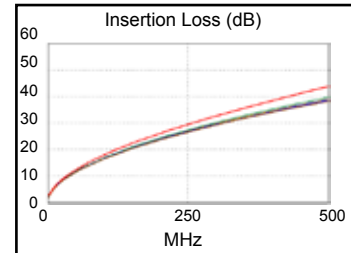
Main Adapter: DSX-PLA804

Remote Adapter: DSX-PLA804

Length (ft), Limit 295	[Pair 45]	297
Prop. Delay (ns), Limit 498	[Pair 12]	403
Delay Skew (ns), Limit 44	[Pair 12]	11
Resistance (ohms)	[Pair 12]	13.59
Insertion Loss Margin (dB)	[Pair 36]	4.0
Frequency (MHz)	[Pair 36]	500.0
Limit (dB)	[Pair 36]	43.8

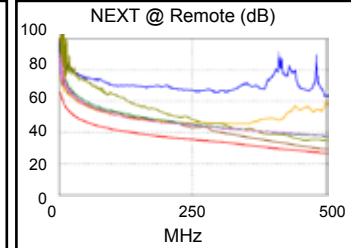
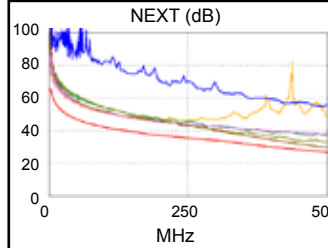


Wire Map (T568B)
PASS

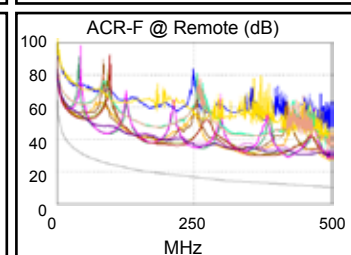
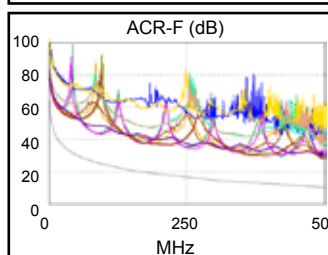


Worst Case Margin Worst Case Value

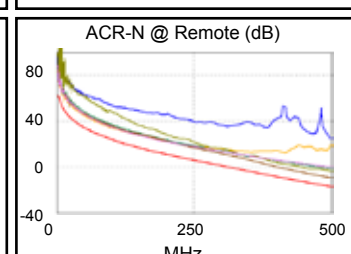
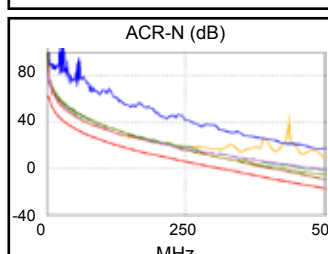
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
NEXT (dB)	2.8	2.4	2.8	2.6
Freq. (MHz)	500.0	489.0	500.0	498.0
Limit (dB)	26.7	27.0	26.7	26.7
Worst Pair	36	45	36	45
PS NEXT (dB)	4.0	4.2	4.0	4.3
Freq. (MHz)	500.0	490.0	500.0	498.0
Limit (dB)	23.8	24.1	23.8	23.8



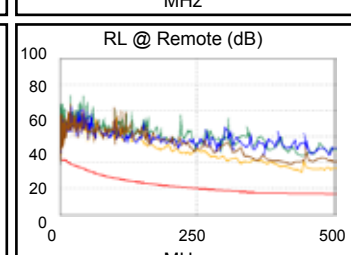
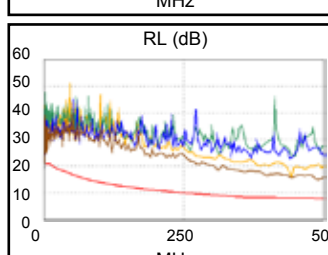
PASS	MAIN	SR	MAIN	SR
Worst Pair	45-36	45-36	36-12	12-36
ACR-F (dB)	16.7	16.3	17.6	16.8
Freq. (MHz)	366.0	356.0	498.0	498.0
Limit (dB)	12.9	13.2	10.2	10.2
Worst Pair	45	36	36	36
PS ACR-F (dB)	16.7	16.4	17.9	16.5
Freq. (MHz)	1.1	359.0	500.0	500.0
Limit (dB)	60.2	10.1	7.2	7.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-N (dB)	7.8	7.4	7.9	7.8
Freq. (MHz)	494.0	490.0	500.0	500.0
Limit (dB)	-16.6	-16.3	-17.1	-17.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	7.8	8.0	8.0	8.4
Freq. (MHz)	443.0	465.0	500.0	500.0
Limit (dB)	-15.2	-17.1	-20.0	-20.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	78	78	78	12
RL (dB)	5.7	5.8	7.0	8.3
Freq. (MHz)	4.1	4.1	488.0	442.0
Limit (dB)	21.0	21.0	8.0	8.0



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	