



**Cable ID: NETPLA2279 CHANNEL**

Date / Time: 09/14/2020 03:06:34 PM

Headroom 4.3 dB (NEXT 36-45)

Test Limit: TIA Cat 6A Channel

Cable Type: Cat 6A S/FTP

NVP: 77.0%

Operator: ASM

Software Version: V6.4 Build 4

Limits Version: V7.4

Calibration Date:

Main (Module): 12/10/2019

Remote (Module): 12/10/2019

**Test Summary: PASS**

Model: DSX-600

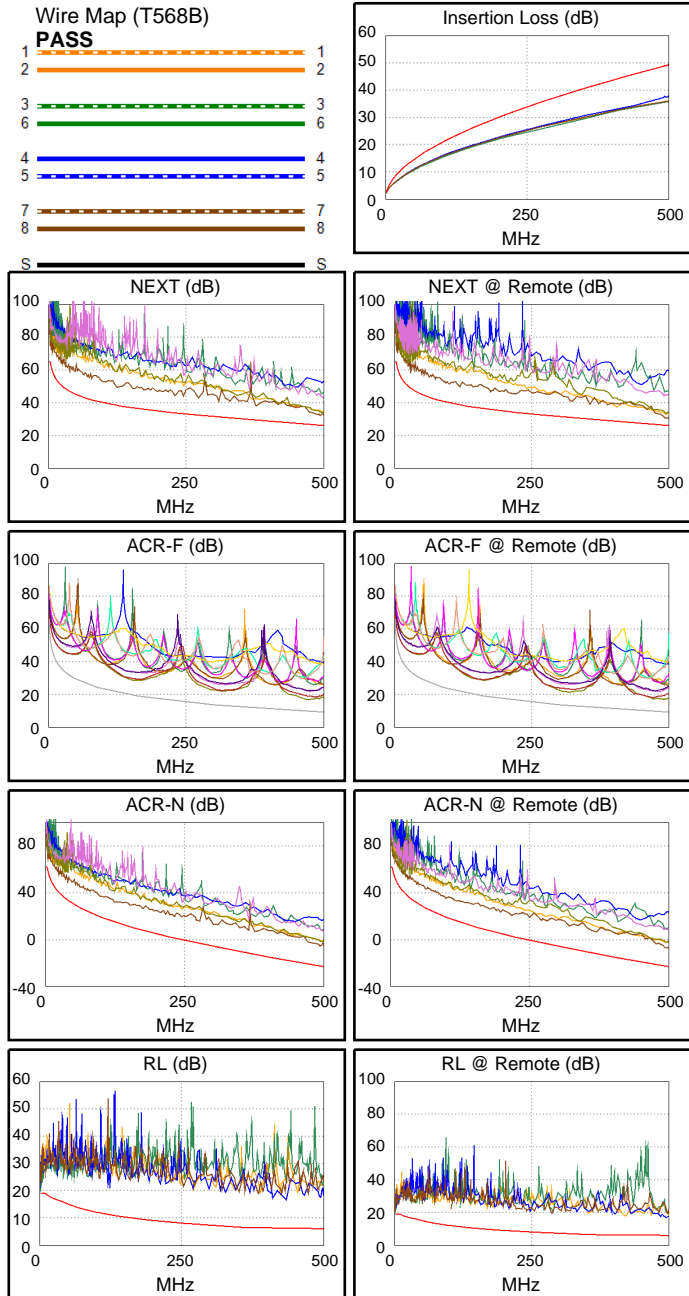
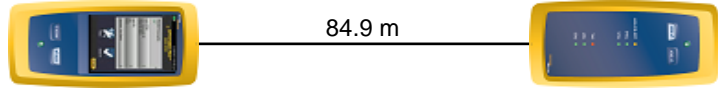
Main S/N: 17300443

Remote S/N: 17300561

Main Adapter: DSX-CHA004

Remote Adapter: DSX-CHA004

Length (m), Limit 100.0	[Pair 45]	84.9
Prop. Delay (ns), Limit 555	[Pair 12]	385
Delay Skew (ns), Limit 50	[Pair 12]	17
Resistance (ohms)	[Pair 12]	13.51
Insertion Loss Margin (dB)	[Pair 45]	11.5
Frequency (MHz)	[Pair 45]	500.0
Limit (dB)	[Pair 45]	49.3



**Worst Case Margin Worst Case Value**

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>NEXT (dB)</b>	5.8	4.3	6.0	4.3
Freq. (MHz)	493.0	495.0	500.0	495.0
Limit (dB)	26.3	26.2	26.1	26.2
Worst Pair	36	36	36	36
<b>PS NEXT (dB)</b>	5.5	4.1	5.7	4.1
Freq. (MHz)	493.0	495.0	500.0	495.0
Limit (dB)	23.4	23.3	23.2	23.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-F (dB)</b>	7.0	7.3	7.0	7.4
Freq. (MHz)	471.0	484.0	471.0	485.0
Limit (dB)	9.8	9.6	9.8	9.5
Worst Pair	45	36	45	36
<b>PS ACR-F (dB)</b>	9.4	9.6	9.4	9.6
Freq. (MHz)	471.0	471.0	471.0	471.0
Limit (dB)	6.8	6.8	6.8	6.8

N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
<b>ACR-N (dB)</b>	11.5	11.3	17.5	16.0
Freq. (MHz)	2.6	2.5	500.0	500.0
Limit (dB)	61.6	61.7	-23.2	-23.2
Worst Pair	36	36	36	36
<b>PS ACR-N (dB)</b>	12.1	12.0	19.3	17.5
Freq. (MHz)	3.8	3.8	500.0	495.0
Limit (dB)	57.0	57.0	-26.1	-25.7

PASS	MAIN	SR	MAIN	SR
Worst Pair	36	36	45	45
<b>RL (dB)</b>	4.8	5.2	10.4	10.9
Freq. (MHz)	3.1	3.3	411.0	495.0
Limit (dB)	19.0	19.0	6.0	6.0

Compliant Network Standards:  
 10BASE-T      100BASE-TX      100BASE-T4  
 1000BASE-T    10GBASE-T      ATM-25  
 ATM-51      ATM-155      100VG-AnyLan  
 TR-4      TR-16 Active      TR-16 Passive