



**Cable ID: HGHP UTP4 CAT6A 0.55CU-1**

Test Limit: TIA Cat 6A Perm. Link

Limits Version: V7.6

Date / Time: 04/15/2022 04:22:16 PM

Operator: CHENGXIAOLAN

Headroom 4.5 dB (NEXT 3,6-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 2034142

Software Version: V6.6 Build 2

Calibration Date: 12/23/2020

Adapter: DSX-8000 (DSX-PLA804)

S/N: 20475125

**Test Summary: PASS**

Remote: Versiv

S/N: 2035009

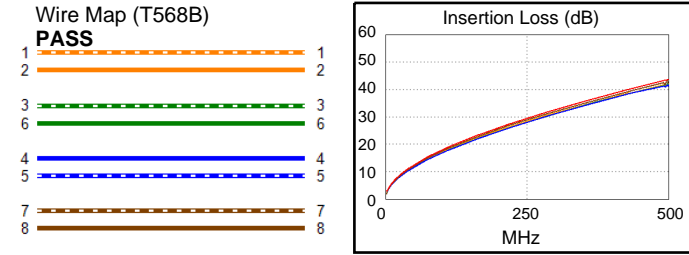
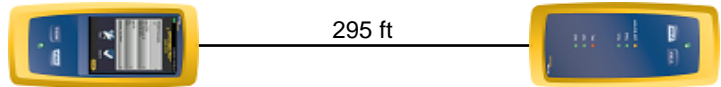
Software Version: V6.6 Build 2

Calibration Date: 12/23/2020

Adapter: DSX-8000R (DSX-PLA804)

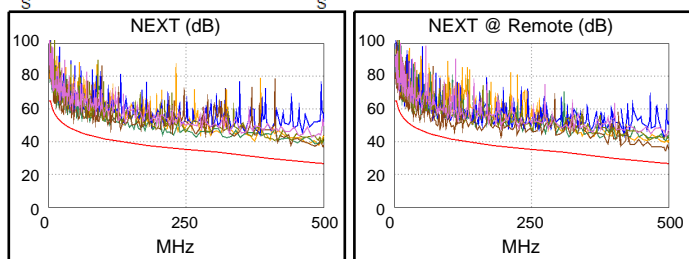
S/N: 20485133

Length (ft), Limit 295	[Pair 4,5]	295
Prop. Delay (ns), Limit 498	[Pair 7,8]	457
Delay Skew (ns), Limit 44	[Pair 7,8]	17
Resistance (ohms)	[Pair 7,8]	14.13
Insertion Loss Margin (dB)	[Pair 7,8]	0.4*
Frequency (MHz)	[Pair 7,8]	497.0
Limit (dB)	[Pair 7,8]	43.6

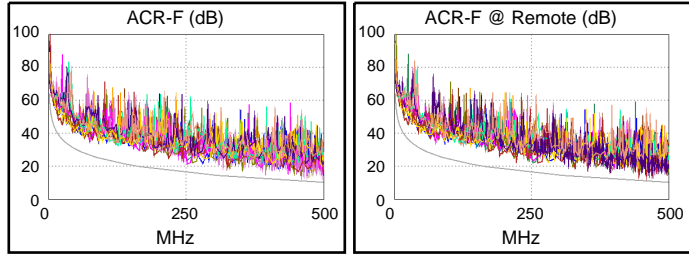


Worst Case Margin Worst Case Value

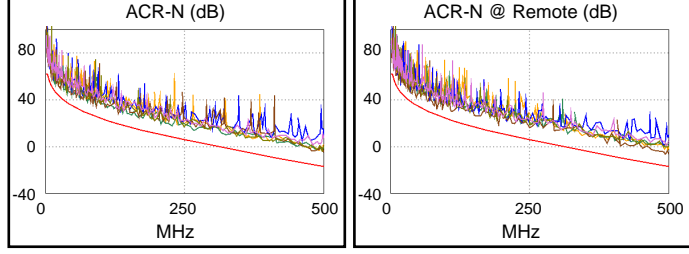
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
<b>NEXT (dB)</b>	5.5	4.5	8.7	7.7
Freq. (MHz)	23.8	83.0	482.0	494.0
Limit (dB)	51.9	43.2	27.2	26.8
Worst Pair	3,6	4,5	4,5	3,6
<b>PS NEXT (dB)</b>	7.2	5.7	9.5	9.2
Freq. (MHz)	23.8	78.0	479.0	494.0
Limit (dB)	49.5	41.1	24.4	23.9



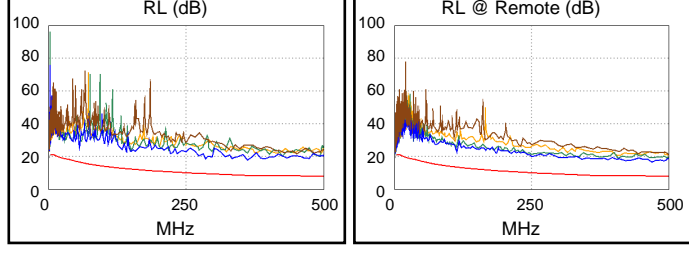
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
<b>ACR-F (dB)</b>	3.2	2.5	3.2	2.5
Freq. (MHz)	459.0	445.0	459.0	445.0
Limit (dB)	11.0	11.2	11.0	11.2
Worst Pair	4,5	3,6	7,8	3,6
<b>PS ACR-F (dB)</b>	6.0	4.8	6.1	5.0
Freq. (MHz)	459.0	445.0	474.0	464.0
Limit (dB)	8.0	8.2	7.7	7.9



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
<b>ACR-N (dB)</b>	6.3	5.5	10.8	10.2
Freq. (MHz)	23.9	83.0	482.0	494.0
Limit (dB)	43.3	26.9	-15.6	-16.6
Worst Pair	3,6	4,5	3,6	3,6
<b>PS ACR-N (dB)</b>	7.9	6.7	11.8	11.0
Freq. (MHz)	23.9	78.0	498.0	493.0
Limit (dB)	40.9	25.3	-19.8	-19.4



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	3,6	4,5	4,5
<b>RL (dB)</b>	8.0	7.0	8.0	8.5
Freq. (MHz)	286.0	3.8	286.0	470.0
Limit (dB)	9.4	21.0	9.4	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

\* Measurement is within the accuracy limits of the instrument.