



**Cable ID**

Test Limit: TIA Cat 6 Channel

Limits Version: V7.5

Date / Time: 16/05/2023 13:55:05

Headroom 3.2 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 F/UTP

NVP: 70.0%

Main: Versiv

S/N: 2027061

Software Version: V6.5 Build 5

Calibration Date: 28/07/2020

Adapter: DSX-8000 (DSX-CHA804)

S/N: 20190303

**Test Summary: PASS**

Remote: Versiv

S/N: 2020019

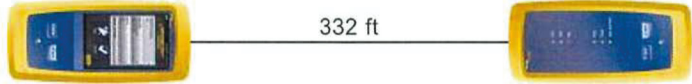
Software Version: V6.5 Build 5

Calibration Date: 28/07/2020

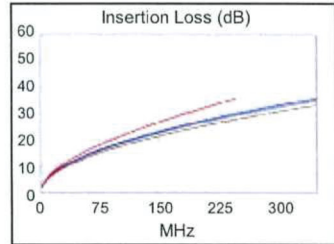
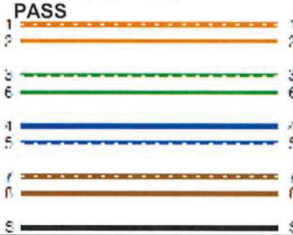
Adapter: DSX-8000R (DSX-CHA804)

S/N: 20060038

Length (ft), Limit 328	[Pair 7,8]	332
Prop. Delay (ns), Limit 555	[Pair 4,5]	518
Delay Skew (ns), Limit 50	[Pair 4,5]	36
Resistance (ohms)	[Pair 4,5]	15.20
Insertion Loss Margin (dB)	[Pair 4,5]	5.8
Frequency (MHz)	[Pair 4,5]	250.0
Limit (dB)	[Pair 4,5]	35.9

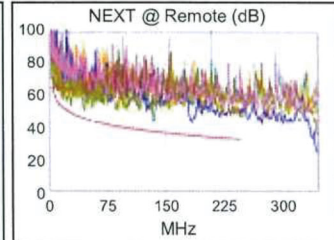
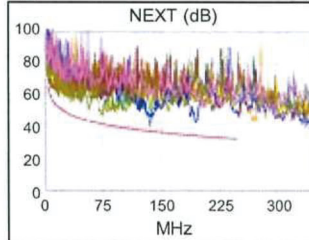


Wire Map (T568B)

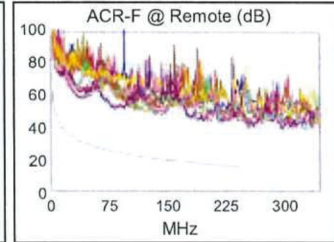
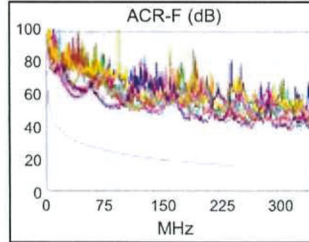


Worst Case Margin Worst Case Value

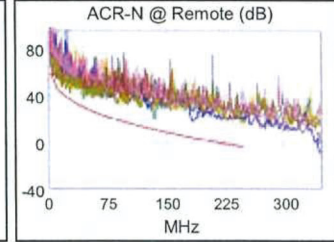
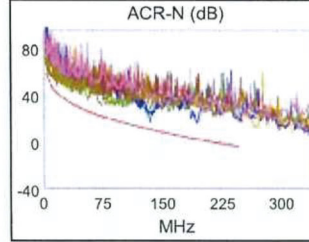
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-7,8	1,2-4,5	1,2-7,8
<b>NEXT (dB)</b>	3.2	4.3	3.2	8.5
Freq. (MHz)	136.0	16.1	136.0	186.0
Limit (dB)	37.7	53.2	37.7	35.3
Worst Pair	1,2	3,6	1,2	1,2
<b>PS NEXT (dB)</b>	5.2	5.9	5.2	10.9
Freq. (MHz)	136.0	16.3	136.0	186.0
Limit (dB)	34.8	50.5	34.8	32.4



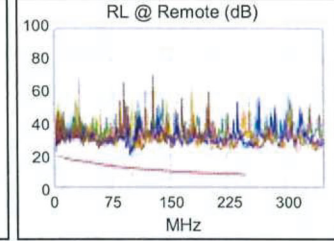
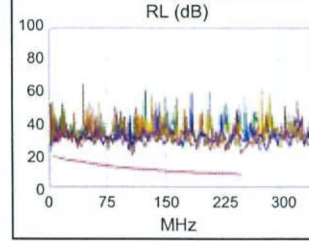
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-3,6	7,8-3,6	7,8-3,6	3,6-4,5
<b>ACR-F (dB)</b>	26.1	27.2	26.1	28.9
Freq. (MHz)	203.5	78.8	203.5	245.0
Limit (dB)	17.1	25.3	17.1	15.5
Worst Pair	3,6	4,5	3,6	4,5
<b>PS ACR-F (dB)</b>	28.2	27.9	28.5	27.9
Freq. (MHz)	203.5	223.5	250.0	223.5
Limit (dB)	14.1	13.3	12.3	13.3



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-7,8	1,2-3,6
<b>ACR-N (dB)</b>	6.0	4.7	14.8	21.4
Freq. (MHz)	3.8	3.8	195.5	246.0
Limit (dB)	59.6	59.6	3.8	-2.4
Worst Pair	3,6	3,6	1,2	3,6
<b>PS ACR-N (dB)</b>	7.0	6.6	24.1	21.3
Freq. (MHz)	3.8	3.8	250.0	250.0
Limit (dB)	57.1	57.1	-5.8	-5.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	4,5	1,2	4,5
<b>RL (dB)</b>	8.6	9.0	9.4	9.0
Freq. (MHz)	36.8	98.3	107.5	98.3
Limit (dB)	16.2	12.1	11.7	12.1



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		