



Cable ID/ Test ID: 098233S

Test Limit: TIA Cat 6 Channel

Limits Version: V7.5

Date / Time: 11/05/2024 04:14:22 PM

Headroom 7.4 dB (RL 7,8)

Cable Type: Cat 6 F/UTP

NVP: 70.0%

Main: Versiv

S/N: 2027061

Software Version: V6.5 Build 5

Calibration Date: 07/28/2020

Adapter: DSX-8000 (DSX-CHA804)

S/N: 20190303

Test Summary: PASS

Remote: Versiv

S/N: 2020019

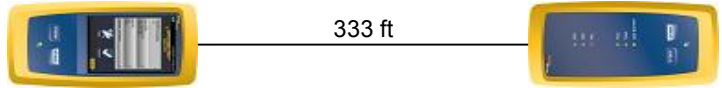
Software Version: V6.5 Build 5

Calibration Date: 07/28/2020

Adapter: DSX-8000R (DSX-CHA804)

S/N: 20060038

Length (ft), Limit 328	[Pair 7,8]	333
Prop. Delay (ns), Limit 555	[Pair 4,5]	525
Delay Skew (ns), Limit 50	[Pair 4,5]	41
Resistance (ohms)	[Pair 4,5]	15.35
Insertion Loss Margin (dB)	[Pair 3,6]	7.4
Frequency (MHz)	[Pair 3,6]	250.0
Limit (dB)	[Pair 3,6]	35.9

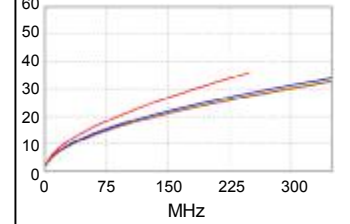


Wire Map (T568B)

PASS

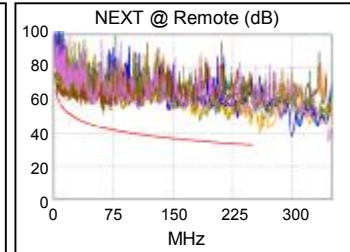
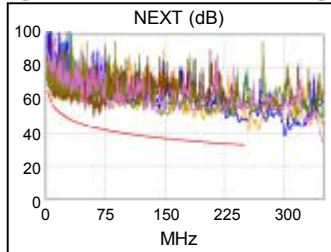


Insertion Loss (dB)

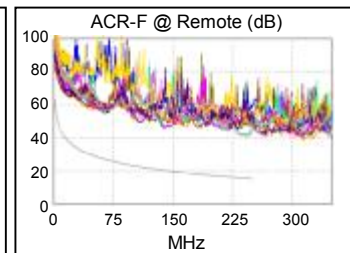
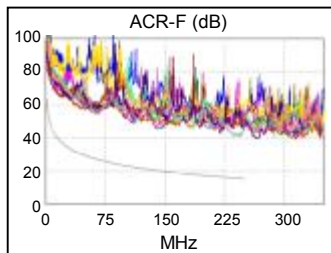


Worst Case Margin Worst Case Value

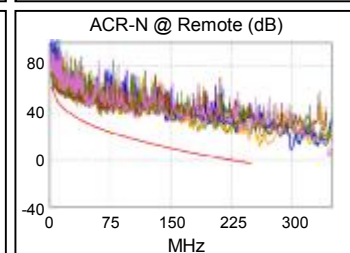
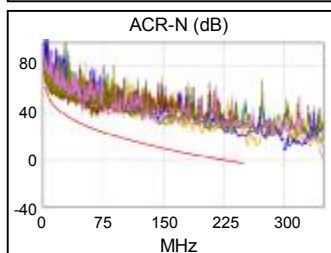
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-7,8	1,2-3,6
NEXT (dB)	4.0	4.1	13.6	12.4
Freq. (MHz)	2.8	2.9	243.5	247.5
Limit (dB)	65.0	65.0	33.3	33.2
Worst Pair	3,6	4,5	1,2	3,6
PS NEXT (dB)	6.4	6.1	14.1	14.3
Freq. (MHz)	6.0	4.6	244.0	247.5
Limit (dB)	57.7	59.5	30.3	30.2



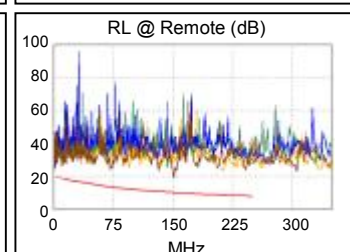
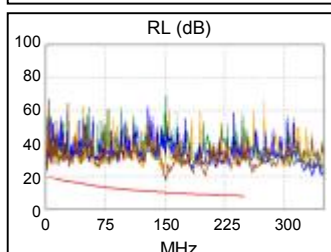
PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	7,8-4,5	7,8-4,5	7,8-4,5
ACR-F (dB)	25.3	24.8	25.5	24.8
Freq. (MHz)	239.0	241.5	243.0	241.5
Limit (dB)	15.7	15.6	15.5	15.6
Worst Pair	4,5	4,5	4,5	4,5
PS ACR-F (dB)	26.1	26.4	27.4	27.3
Freq. (MHz)	138.0	138.0	236.5	241.5
Limit (dB)	17.5	17.5	12.8	12.6



N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-3,6	1,2-3,6
ACR-N (dB)	4.4	4.5	22.1	19.8
Freq. (MHz)	2.8	2.9	245.5	247.5
Limit (dB)	61.6	61.6	-2.3	-2.5
Worst Pair	3,6	4,5	1,2	3,6
PS ACR-N (dB)	6.9	6.6	22.2	21.7
Freq. (MHz)	3.9	4.6	244.0	247.5
Limit (dB)	56.8	55.2	-5.1	-5.5



PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	7,8	7,8
RL (dB)	7.5	7.4	7.5	9.0
Freq. (MHz)	151.5	10.6	151.5	151.5
Limit (dB)	10.2	18.9	10.2	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		