



Cable ID: C23

Test Limit: TIA Cat 6A Perm. Link
Limits Version: V7.10
Date / Time: 11/17/2025 02:19:29 PM
Operator: QUANTCOM
Headroom 6.6 dB (NEXT 1,2-3,6)
Cable Type: Cat 6A S/FTP
NVP: 77.0%

Main: Versiv
S/N: 17300561
Software Version: V6.12 Build 2
Calibration Date: 01/15/2025
Adapter: DSX-600 (DSX-PLA004)
S/N: 3998117

Test Summary: PASS

Remote: Versiv
S/N: 17300443
Software Version: V6.12 Build 2
Calibration Date: 01/15/2025
Adapter: DSX-600R (DSX-PLA004)
S/N: 3998118

Length (ft), Limit 295	[Pair 1,2]	45
Prop. Delay (ns), Limit 498	[Pair 3,6]	60
Delay Skew (ns), Limit 44	[Pair 3,6]	1
Resistance (ohms)	[Pair 7,8]	1.98
Insertion Loss Margin (dB)	[Pair 3,6]	36.5
Frequency (MHz)	[Pair 3,6]	495.0
Limit (dB)	[Pair 3,6]	43.5

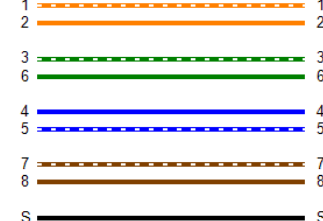


45 ft

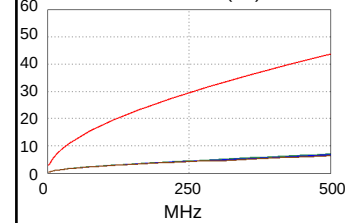


Wire Map (T568B)

PASS

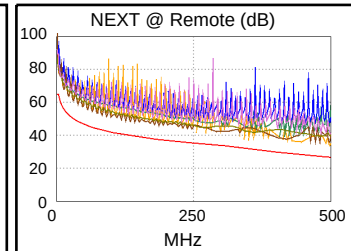
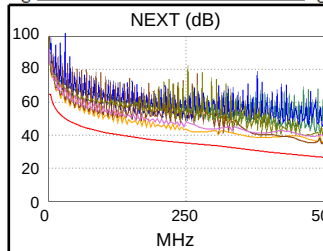


Insertion Loss (dB)

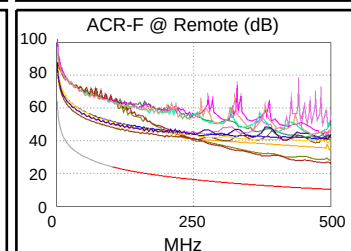
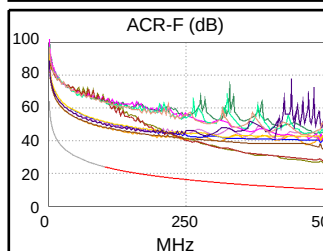


Worst Case Margin Worst Case Value

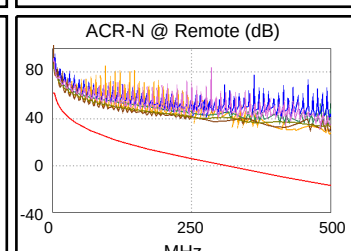
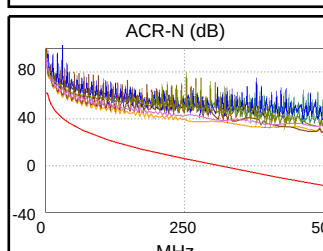
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	1,2-3,6
NEXT (dB)	6.6	7.1	8.2	7.1
Freq. (MHz)	256.0	498.0	497.0	498.0
Limit (dB)	35.2	26.7	26.7	26.7
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	7.5	6.6	8.0	7.4
Freq. (MHz)	300.0	299.0	498.0	498.0
Limit (dB)	31.4	31.4	23.8	23.8



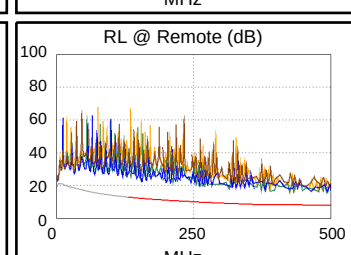
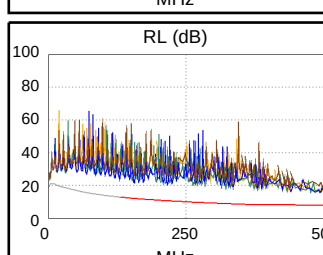
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	4,5-3,6	3,6-4,5	4,5-3,6
ACR-F (dB)	16.3	16.0	16.5	16.2
Freq. (MHz)	482.0	482.0	500.0	499.0
Limit (dB)	10.5	10.5	10.2	10.2
Worst Pair	4,5	3,6	4,5	3,6
PS ACR-F (dB)	19.1	18.4	19.4	18.5
Freq. (MHz)	482.0	488.0	500.0	499.0
Limit (dB)	7.5	7.4	7.2	7.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	3,6-4,5	1,2-3,6
ACR-N (dB)	16.7	17.0	45.2	43.8
Freq. (MHz)	13.5	4.1	497.0	498.0
Limit (dB)	49.4	60.3	-16.9	-16.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	15.4	15.6	44.7	44.1
Freq. (MHz)	4.8	4.1	498.0	498.0
Limit (dB)	56.8	58.0	-19.8	-19.8



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	3,6	4,5	3,6
RL (dB)	7.6	6.9	7.6	6.9
Freq. (MHz)	485.0	476.0	485.0	476.0
Limit (dB)	8.0	8.0	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	