Cable ID: QST-2624

Test Limit: TIA Cat 6A Perm. Link
Limits Version: V7.6
Date / Time: 04/12/2026 10:17:37 AM
Operator: JL
Headroom 8.5 dB (NEXT 1,2-4,5)
Cable Type: Cat 6A S/FTP
NVP: 77.0%

Main: Versiv
S/N: 1803073
Software Version: V6.6 Build 2
Calibration Date: 03/03/2026
Adapter: DSX-8000 (DSX-PLA804)
S/N: 22340221

Remote: Versiv
S/N: 1803186
Software Version: V6.6 Build 2
Calibration Date: 03/03/2026
Adapter: DSX-8000R (DSX-PLA804)
S/N: 22340037

Test Summary: PASS

Length (ft), Limit 295	[Pair 1,2]	295
Prop. Delay (ns), Limit 498	[Pair 4,5]	395
Delay Skew (ns), Limit 44	[Pair 4,5]	5
Resistance (ohms)	[Pair 3,6]	12.96
Insertion Loss Margin (dB)	[Pair 1,2]	3.7
Frequency (MHz)	[Pair 1,2]	500.0
Limit (dB)	[Pair 1,2]	43.8

	Worst Case Margin		Worst Case Value	
PASS	MAIN	SR	MAIN	SR
Worst Pair	1,2-4,5	3,6-4,5	1,2-4,5	3,6-4,5
NEXT (dB)	8.5	10.5	11.1	11.2
Freq. (MHz)	311.0	107.5	495.0	496.0
Limit (dB)	33.5	41.3	26.8	26.8
Worst Pair	1,2	4,5	1,2	4,5
PS NEXT (dB)	8.2	11.6	12.2	13.2
Freq. (MHz)	303.0	28.0	497.0	500.0
Limit (dB)	31.3	48.3	23.8	23.8

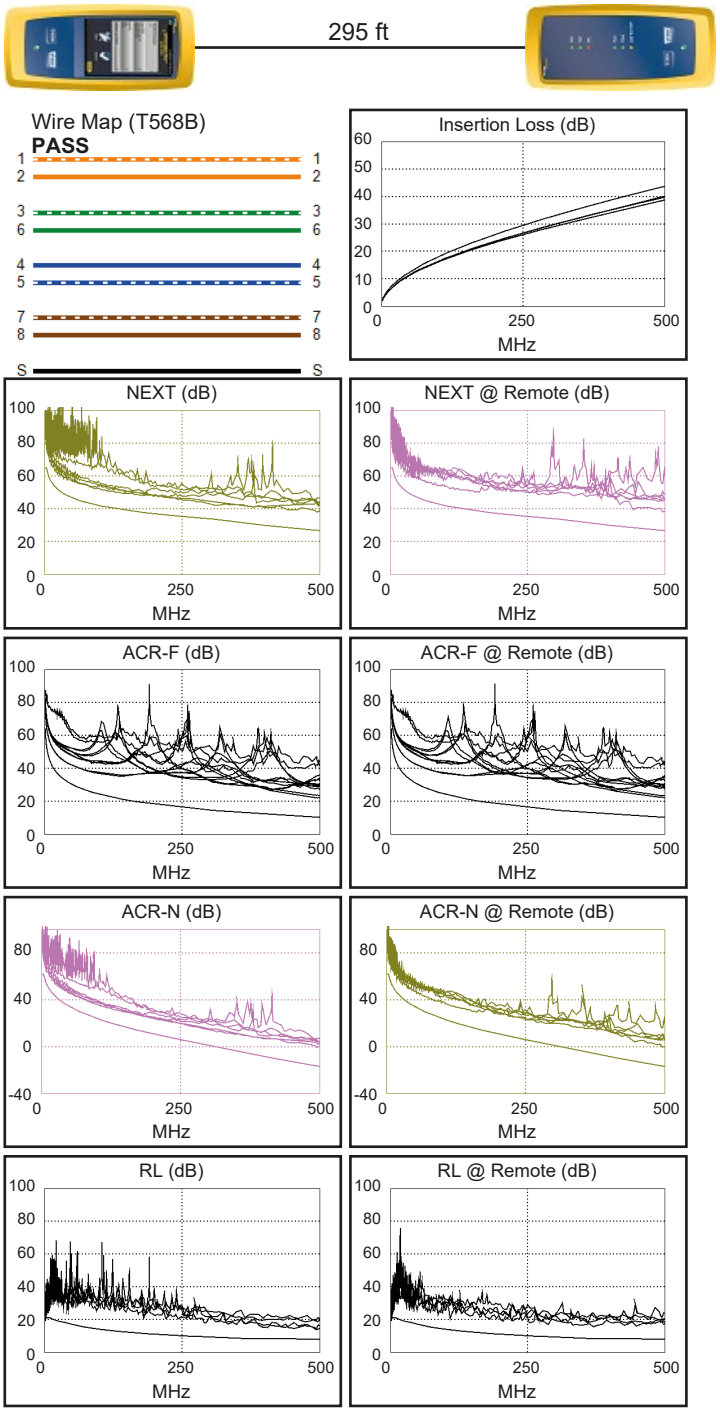
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	4,5-3,6
ACR-F (dB)	11.0	11.1	11.8	11.9
Freq. (MHz)	25.5	20.5	500.0	500.0
Limit (dB)	36.1	38.0	10.2	10.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-F (dB)	12.2	12.3	13.2	13.8
Freq. (MHz)	11.9	12.5	499.0	500.0
Limit (dB)	39.7	39.3	7.2	7.2

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	1,2-4,5	3,6-4,5
ACR-N (dB)	10.0	11.8	16.1	16.6
Freq. (MHz)	23.0	28.0	495.0	500.0
Limit (dB)	43.7	41.5	-16.7	-17.1
Worst Pair	4,5	4,5	1,2	3,6
PS ACR-N (dB)	10.3	12.4	16.1	17.7
Freq. (MHz)	30.6	12.6	500.0	500.0
Limit (dB)	38.0	47.7	-20.0	-20.0

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	1,2
RL (dB)	4.4	5.7	5.8	7.3
Freq. (MHz)	4.3	4.3	495.0	449.0
Limit (dB)	21.0	21.0	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	



LinkWare™ PC Version 10.7