
Cable ID FARABI	Summary PASS	Test Limit TIA Cat 6 Perm. Link	Length 90.0 m	Headroom 6.9 dB (NEXT)	Date / Time 05/19/2024 11:58 AM
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Total Length:	90.0 m
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: FARABI

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V7.6

Date / Time: 05/19/2024 11:58:31 AM

Operator: AFSHIN

Headroom 6.9 dB (NEXT 3,6-7,8)

Cable Type: Cat 6 F/UTP

NVP: 70.0%

Main: Versiv

S/N: 2212347

Software Version: V6.7 Build 1

Calibration Date: 06/18/2022

Adapter: DSX-8000 (DSX-PLA804)

S/N: 22182684

Remote: Versiv

S/N: 2212339

Software Version: V6.7 Build 1

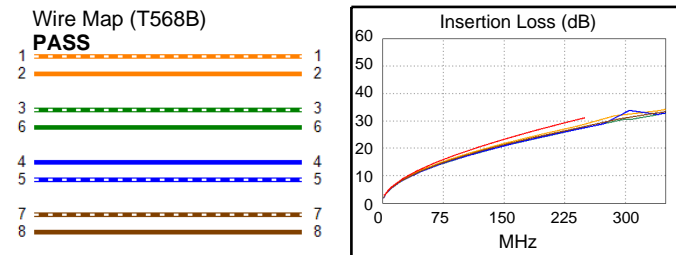
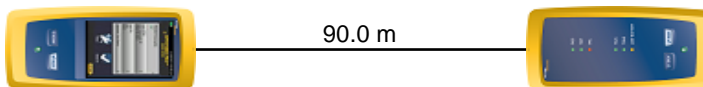
Calibration Date: 06/18/2022

Adapter: DSX-8000R (DSX-PLA804)

S/N: 22120605

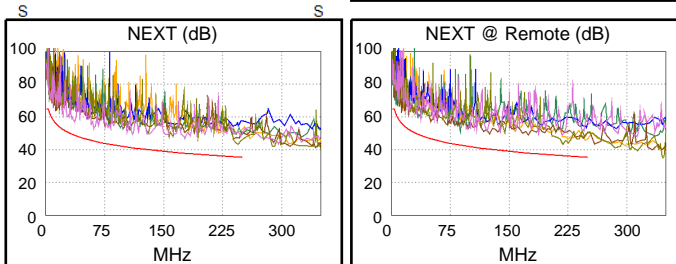
Test Summary: PASS

Length (m), Limit 90.0	[Pair 4,5]	90.0
Prop. Delay (ns), Limit 498	[Pair 1,2]	457
Delay Skew (ns), Limit 44	[Pair 1,2]	28
Resistance (ohms)	[Pair 1,2]	16.32
Insertion Loss Margin (dB)	[Pair 1,2]	2.6
Frequency (MHz)	[Pair 1,2]	250.0
Limit (dB)	[Pair 1,2]	31.1

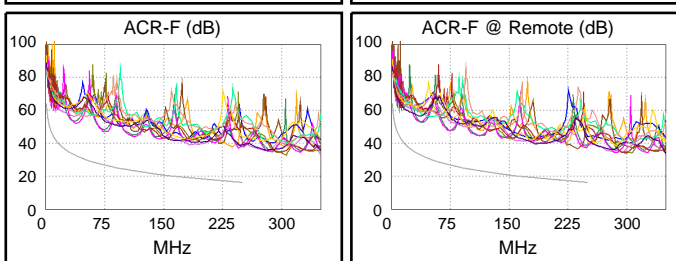


Worst Case Margin Worst Case Value

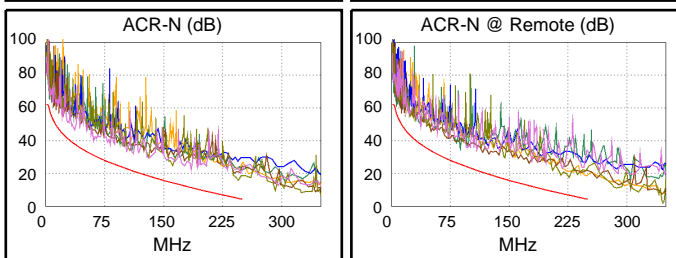
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
NEXT (dB)	7.7	6.9	7.7	6.9
Freq. (MHz)	244.5	218.0	244.5	218.0
Limit (dB)	35.5	36.3	35.5	36.3
Worst Pair	3,6	4,5	3,6	3,6
PS NEXT (dB)	8.2	6.9	8.2	8.0
Freq. (MHz)	240.0	6.1	240.0	226.0
Limit (dB)	33.0	58.9	33.0	33.4



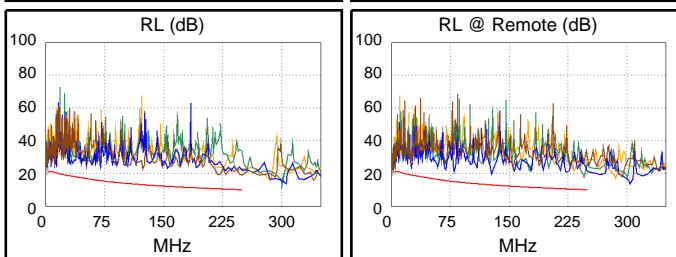
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	4,5-1,2	3,6-1,2
ACR-F (dB)	17.4	17.6	20.6	19.8
Freq. (MHz)	10.3	10.3	245.5	237.0
Limit (dB)	44.0	44.0	16.4	16.7
Worst Pair	1,2	4,5	1,2	1,2
PS ACR-F (dB)	18.9	19.3	22.6	21.5
Freq. (MHz)	10.3	1.0	250.0	237.5
Limit (dB)	41.0	61.2	13.2	13.7



N/A	MAIN	SR	MAIN	SR
Worst Pair	4,5-7,8	1,2-4,5	3,6-7,8	3,6-7,8
ACR-N (dB)	8.7	7.6	10.8	10.6
Freq. (MHz)	61.3	6.1	244.5	226.0
Limit (dB)	31.0	56.8	4.8	6.7
Worst Pair	1,2	4,5	3,6	3,6
PS ACR-N (dB)	9.2	7.2	12.1	13.0
Freq. (MHz)	4.9	6.1	244.5	245.5
Limit (dB)	56.6	54.5	2.2	2.1



PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	7,8	3,6
RL (dB)	5.1	4.2	8.4	7.6
Freq. (MHz)	11.6	25.1	248.0	245.5
Limit (dB)	20.7	19.0	10.1	10.1



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