

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
KARKIA 0.57 CAT6A SFTP 90M PASS		TIA Cat 6A Perm. Link	314 ft	7.2 dB (NEXT)	03/19/2025 01:40 AM

Total Length:	314 ft
Number of Reports:	1
Number of Passing Reports:	1
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: KARKIA 0.57 CAT6A SFTP 90M

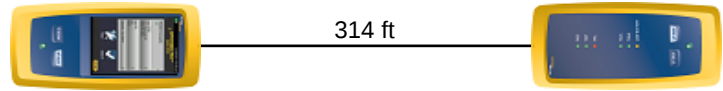
Date / Time: 03/19/2025 01:40:54 AM
Headroom 7.2 dB (NEXT 36-78) Test
Limit: TIA Cat 6A Perm. Link Cable
Type: Cat 6A S/FTP
NVP: 77.0%

Operator: YUN
Software Version: V6.11 Build 2
Limits Version: V7.9
Calibration Start Date:
Main (Module): 05/10/2024
Remote (Module): 05/10/2024

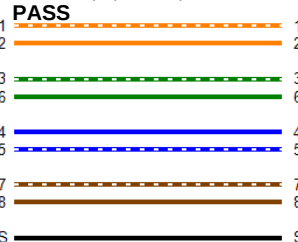
Test Summary: PASS

Model: DSX-8000
Main S/N: 2344125
Remote S/N: 2344116
Main Adapter: DSX-PLA804
Remote Adapter: DSX-PLA804

Length (ft), Limit 295	[Pair 78]	314
Prop. Delay (ns), Limit 498	[Pair 45]	424
Delay Skew (ns), Limit 44	[Pair 45]	9
Resistance (ohms)	[Pair 45]	13.25
Insertion Loss Margin (dB)	[Pair 12]	4.8
Frequency (MHz)	[Pair 12]	500.0
Limit (dB)	[Pair 12]	43.8

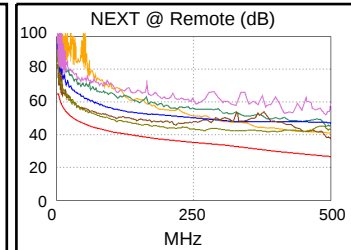
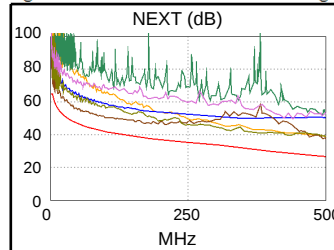


Wire Map (T568B)

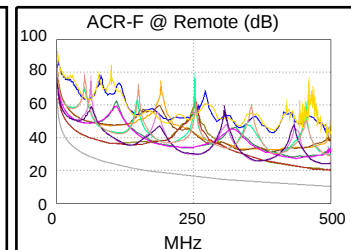
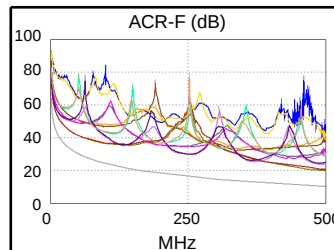


Worst Case Margin Worst Case Value

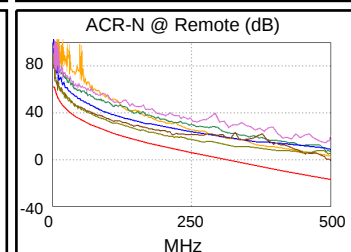
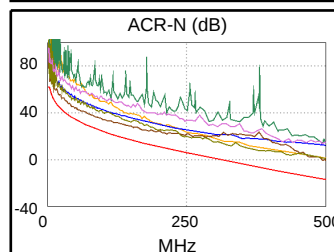
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-45	36-45
NEXT (dB)	8.1	7.2	10.7	11.1
Freq. (MHz)	42.8	109.5	500.0	499.0
Limit (dB)	47.8	41.2	26.7	26.7
Worst Pair	36	36	36	36
PS NEXT (dB)	9.4	7.1	9.8	11.6
Freq. (MHz)	261.0	109.5	500.0	500.0
Limit (dB)	32.4	38.7	23.8	23.8



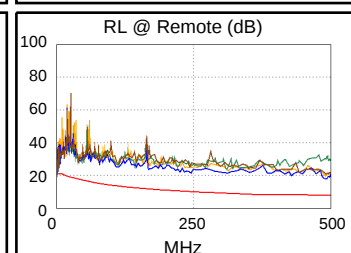
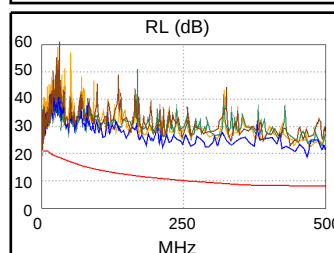
PASS	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-45	36-45	36-45
ACR-F (dB)	9.6	9.8	9.6	9.8
Freq. (MHz)	500.0	498.0	500.0	498.0
Limit (dB)	10.2	10.2	10.2	10.2
Worst Pair	36	36	36	36
PS ACR-F (dB)	11.6	11.4	11.9	11.6
Freq. (MHz)	5.3	491.0	498.0	500.0
Limit (dB)	46.8	7.4	7.2	7.2



N/A	MAIN	SR	MAIN	SR
Worst Pair	36-45	36-78	36-45	36-45
ACR-N (dB)	9.0	8.2	16.1	16.6
Freq. (MHz)	42.8	44.0	500.0	500.0
Limit (dB)	36.3	35.9	-17.1	-17.1
Worst Pair	36	36	36	36
PS ACR-N (dB)	10.6	8.4	15.7	17.5
Freq. (MHz)	4.8	44.0	500.0	500.0
Limit (dB)	56.8	33.4	-20.0	-20.0



PASS	MAIN	SR	MAIN	SR
Worst Pair	45	36	45	45
RL (dB)	6.3	6.3	10.8	9.7
Freq. (MHz)	3.9	3.9	467.0	490.0
Limit (dB)	21.0	21.0	8.0	8.0



Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	10GBASE-T	ATM-25
ATM-51	ATM-155	100VG-AnyLan
TR-4	TR-16 Active	TR-16 Passive