



Cable ID: ATZ/CAT7/SFTP/BK/10M

Date / Time: 03/25/2022 09:02:21 AM

Headroom 5.7 dB (NEXT 3,6-7,8)

Test Limit: ISO11801 Channel Class Ea (+All)

Cable Type: Cat 7 S/FTP

NVP: 78.0%

Software Version: V6.5 Build 5

Limits Version: V7.5

Calibration Start Date:

Main (Module): 03/25/2021

Remote (Module): 03/25/2021

Test Summary: PASS

Model: DSX-5000

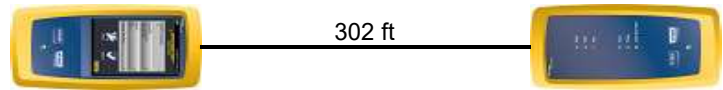
Main S/N: 20500575

Remote S/N: 20440094

Main Adapter: DSX-CHA004

Remote Adapter: DSX-CHA004

Length (ft), Limit 328	[Pair 7,8]	302
Prop. Delay (ns), Limit 555	[Pair 4,5]	406
Delay Skew (ns), Limit 50	[Pair 4,5]	12
Resistance (ohms), Limit 25.00	[Pair 4,5]	14.24
Resist. Unbal. (ohms), Limit 0.420	[Pair 1,2]	0.032
Resist. P2P Unbal. (ohms), Limit 0.490	[Pair 4,5-7,8]	0.068
Insertion Loss Margin (dB)	[Pair 3,6]	7.8
Frequency (MHz)	[Pair 3,6]	499.0
Limit (dB)	[Pair 3,6]	49.3

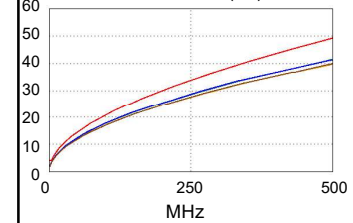


Wire Map (T568B)

PASS

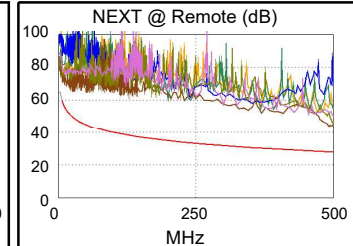
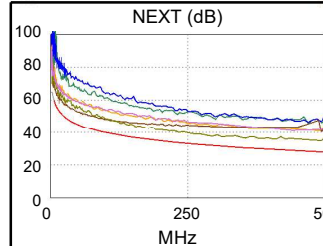


Insertion Loss (dB)

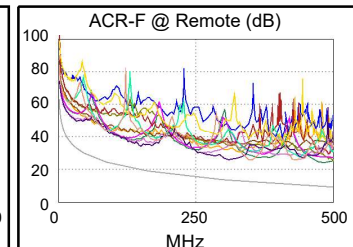
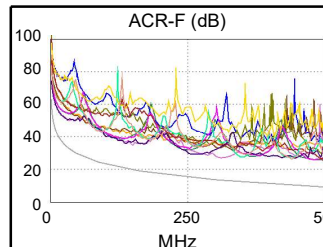


Worst Case Margin Worst Case Value

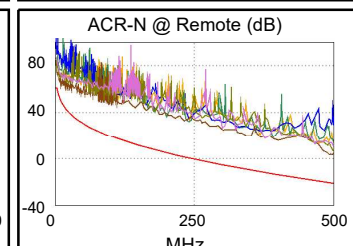
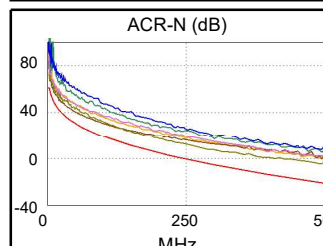
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-4,5	3,6-7,8	3,6-4,5
NEXT (dB)	5.7	12.4	6.9	16.2
Freq. (MHz)	310.0	7.0	492.0	493.0
Limit (dB)	31.5	59.1	28.0	28.0
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	7.0	12.6	8.2	17.4
Freq. (MHz)	15.5	7.0	492.0	498.0
Limit (dB)	50.8	56.6	25.0	24.9



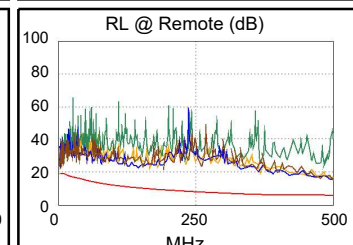
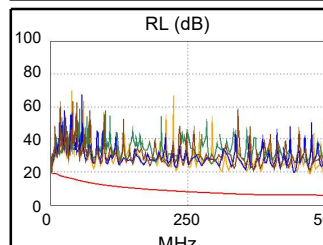
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	7,8-3,6	1,2-4,5	1,2-4,5
ACR-F (dB)	13.2	12.4	15.8	14.6
Freq. (MHz)	309.0	309.0	487.0	485.0
Limit (dB)	13.5	13.5	9.5	9.5
Worst Pair	3,6	3,6	3,6	4,5
PS ACR-F (dB)	15.5	14.1	17.1	15.7
Freq. (MHz)	266.0	309.0	491.0	499.0
Limit (dB)	11.8	10.5	6.4	6.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-7,8	3,6-4,5
ACR-N (dB)	8.1	13.3	16.2	24.0
Freq. (MHz)	4.0	7.0	492.0	493.0
Limit (dB)	58.9	53.7	-20.9	-20.9
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	7.1	13.3	16.0	25.1
Freq. (MHz)	4.0	2.6	493.0	498.0
Limit (dB)	56.4	58.0	-24.0	-24.3



PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	1,2	1,2	7,8
RL (dB)	5.1	6.5	12.9	8.8
Freq. (MHz)	3.0	4.1	472.0	500.0
Limit (dB)	19.0	19.0	6.0	6.0



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	



Cable ID: ATZ/CAT7/SFTP/BK/10M

Date / Time: 03/25/2022 09:02:21 AM

Headroom 5.7 dB (NEXT 3,6-7,8)

Test Limit: ISO11801 Channel Class Ea (+All)

Cable Type: Cat 7 S/FTP

NVP: 78.0%

Software Version: V6.5 Build 5

Limits Version: V7.5

Calibration Start Date:

Main (Module): 03/25/2021

Remote (Module): 03/25/2021

Test Summary: PASS

Model: DSX-5000

Main S/N: 20500575

Remote S/N: 20440094

Main Adapter: DSX-CHA004

Remote Adapter: DSX-CHA004

Worst Case Margin			Worst Case Value	
N/A	MAIN	SR	MAIN	SR
Worst Pair			3.6	3.6
TCL (dB)			23.3	19.1
Freq. (MHz)			496.0	494.0
Limit (dB)				
N/A	MAIN	SR	MAIN	SR
Worst Pair			1,2-3.6	7,8-3.6
CDNEXT (dB)			26.5	20.9
Freq. (MHz)			466.0	494.0
Limit (dB)				
N/A	MAIN	SR	MAIN	SR
Worst Pair			3.6	7.8
CMRL (dB)			9.4	6.7
Freq. (MHz)			147.0	352.0
Limit (dB)				
N/A	MAIN	SR	MAIN	SR
Worst Pair			7.8	7.8
ELTCTL (dB)			8.8	6.9
Freq. (MHz)			392.0	392.0
Limit (dB)				

