



Cable ID: ATZ STPCAT6A.305M-STR.GY

Date / Time: 07/05/2025 03:22:02 PM

Headroom 6.4 dB (NEXT 3,6-7,8)

Test Limit: ISO11801 Channel Class Ea

Cable Type: Cat 6A 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 3,6]	335
Prop. Delay (ns), Limit 555	[Pair 7,8]	443
Delay Skew (ns), Limit 50	[Pair 7,8]	6
Resistance (ohms), Limit 25.00	[Pair 3,6]	16.87
Insertion Loss Margin (dB)	[Pair 7,8]	3.4
Frequency (MHz)	[Pair 7,8]	500.0
Limit (dB)	[Pair 7,8]	49.3

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	3,6-4,5
NEXT (dB)	6.4	6.7	8.4	8.0
Freq. (MHz)	4.9	21.4	447.0	500.0
Limit (dB)	61.7	51.2	28.7	27.9
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	7.2	6.9	9.1	7.8
Freq. (MHz)	4.9	25.3	481.0	481.0
Limit (dB)	59.1	47.3	25.1	25.1

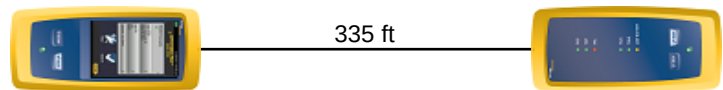
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-3,6	3,6-4,5	4,5-3,6	3,6-4,5
ACR-F (dB)	13.7	14.2	13.7	14.2
Freq. (MHz)	494.0	495.0	494.0	495.0
Limit (dB)	9.4	9.4	9.4	9.4
Worst Pair	7,8	7,8	7,8	4,5
PS ACR-F (dB)	17.0	17.5	17.0	17.6
Freq. (MHz)	348.0	7.1	348.0	398.0
Limit (dB)	9.4	43.2	9.4	8.3

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	1,2-3,6	3,6-4,5
ACR-N (dB)	6.5	6.7	14.9	12.2
Freq. (MHz)	3.6	3.6	500.0	500.0
Limit (dB)	59.7	59.7	-21.4	-21.4
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	7.1	7.0	13.0	12.0
Freq. (MHz)	3.6	3.6	483.0	500.0
Limit (dB)	57.2	57.2	-23.3	-24.5

PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5	4,5	4,5	4,5
RL (dB)	1.6	4.1	1.6	7.5
Freq. (MHz)	242.5	2.6	242.5	495.0
Limit (dB)	8.2	19.0	8.2	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	



Wire Map (T568B)

PASS



Insertion Loss (dB)

