

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
001	PASS	TIA Cat 5e Channel	98.5 m	11.0 dB (NEXT)	05/05/2025 13:36
002	PASS	ISO11801 Channel Class D	98.5 m	11.0 dB (NEXT)	05/05/2025 13:38

Total Length:	197.0 m
Number of Reports:	2
Number of Passing Reports:	2
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



Cable ID: 001

Test Limit: TIA Cat 5e Channel

Limits Version: V7.10

Date / Time: 05/05/2025 13:36:08

Operator: DISCOMP

Headroom 11.0 dB (NEXT 3,6-7,8)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 20400087

Software Version: V6.12 Build 2

Calibration Date: 12/18/2024

Adapter: DSX-602 (DSX-CHA004)

S/N: 5086397

Test Summary: PASS

Remote: Versiv

S/N: 20400090

Software Version: V6.12 Build 2

Calibration Date: 12/18/2024

Adapter: DSX-602R (DSX-CHA004)

S/N: 5086377

Length (m), Limit 100.0	[Pair 1,2]	98.5
Prop. Delay (ns), Limit 555	[Pair 4,5]	487
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms)	[Pair 4,5]	22.50
Insertion Loss Margin (dB)	[Pair 4,5]	2.6
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	24.0

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)	11.9	11.0	12.1	14.2
Freq. (MHz)	13.1	13.3	94.0	89.0
Limit (dB)	45.0	45.0	30.5	31.0
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	14.0	12.9	14.9	16.4
Freq. (MHz)	13.3	13.3	94.0	97.3
Limit (dB)	42.0	42.0	27.5	27.3

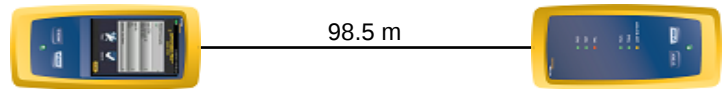
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	8.7	8.8	9.6	9.9
Freq. (MHz)	2.0	29.0	97.3	100.0
Limit (dB)	51.4	28.2	17.6	17.4
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	10.4	10.4	12.6	12.6
Freq. (MHz)	19.4	21.5	97.3	97.3
Limit (dB)	28.7	27.8	14.6	14.6

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	12.6	11.7	14.9	18.3
Freq. (MHz)	13.1	13.1	94.0	99.3
Limit (dB)	36.9	36.9	7.3	6.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	14.7	13.6	17.6	19.2
Freq. (MHz)	13.3	13.3	94.0	97.3
Limit (dB)	33.8	33.8	4.3	3.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	7,8
RL (dB)	5.7	5.0	6.6	5.0
Freq. (MHz)	2.5	2.5	55.5	2.5
Limit (dB)	17.0	17.0	12.6	17.0

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	ATM-25
ATM-51	ATM-155	100VG-AnyLan
TR-4	TR-16 Active	TR-16 Passive

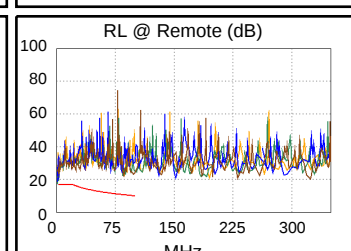
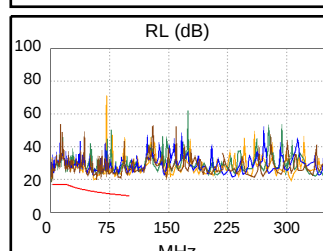
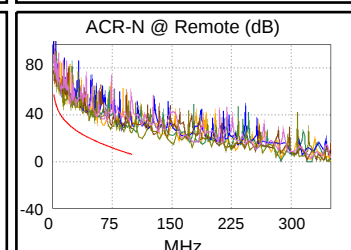
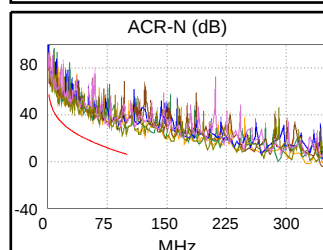
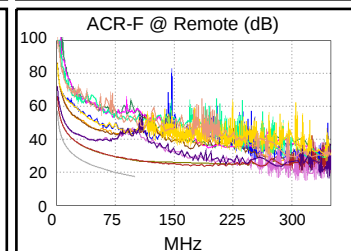
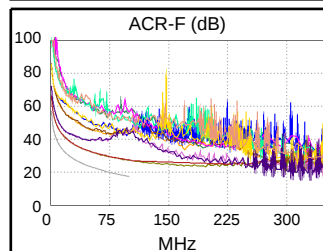
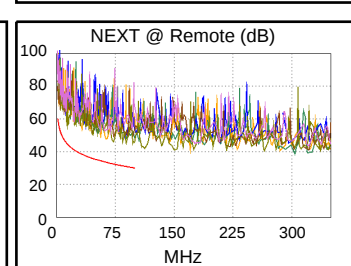
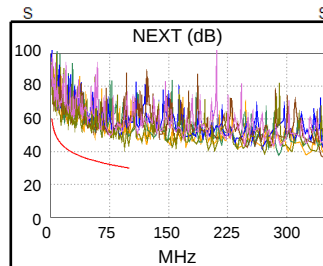
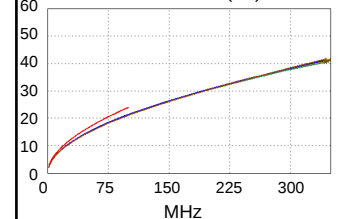


Wire Map (T568B)

PASS



Insertion Loss (dB)





Cable ID: 002

Test Limit: ISO11801 Channel Class D

Limits Version: V7.10

Date / Time: 05/05/2025 13:38:46

Operator: DISCOMP

Headroom 11.0 dB (NEXT 3,6-7,8)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 20400087

Software Version: V6.12 Build 2

Calibration Date: 12/18/2024

Adapter: DSX-602 (DSX-CHA004)

S/N: 5086397

Test Summary: PASS

Remote: Versiv

S/N: 20400090

Software Version: V6.12 Build 2

Calibration Date: 12/18/2024

Adapter: DSX-602R (DSX-CHA004)

S/N: 5086377

Length (m), Limit 100.0	[Pair 1,2]	98.5
Prop. Delay (ns), Limit 555	[Pair 4,5]	487
Delay Skew (ns), Limit 50	[Pair 4,5]	11
Resistance (ohms), Limit 25.00	[Pair 4,5]	22.50
Insertion Loss Margin (dB)	[Pair 4,5]	2.6
Frequency (MHz)	[Pair 4,5]	100.0
Limit (dB)	[Pair 4,5]	24.0

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)	11.9	11.0	12.1	14.1
Freq. (MHz)	13.1	13.3	94.0	89.0
Limit (dB)	45.0	45.0	30.5	31.0
Worst Pair	3,6	3,6	3,6	3,6
PS NEXT (dB)	14.0	12.9	14.9	16.5
Freq. (MHz)	13.3	13.3	94.0	97.3
Limit (dB)	42.0	42.0	27.5	27.3

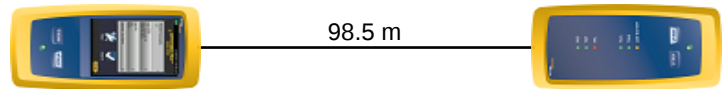
PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
ACR-F (dB)	8.7	8.8	9.4	9.7
Freq. (MHz)	1.5	32.8	97.3	99.3
Limit (dB)	53.9	27.1	17.6	17.5
Worst Pair	3,6	3,6	4,5	3,6
PS ACR-F (dB)	10.3	10.3	12.4	12.4
Freq. (MHz)	15.1	17.4	97.3	97.3
Limit (dB)	30.8	29.6	14.6	14.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-7,8	3,6-7,8	3,6-7,8	3,6-7,8
ACR-N (dB)	12.7	11.8	14.9	18.4
Freq. (MHz)	13.1	13.1	94.0	99.3
Limit (dB)	36.8	36.8	7.3	6.2
Worst Pair	3,6	3,6	3,6	3,6
PS ACR-N (dB)	14.8	13.7	17.6	19.3
Freq. (MHz)	13.1	13.1	94.0	97.3
Limit (dB)	33.8	33.8	4.3	3.6

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	1,2	7,8
RL (dB)	5.8	5.0	6.7	5.0
Freq. (MHz)	2.5	2.5	55.8	2.5
Limit (dB)	17.0	17.0	12.5	17.0

Compliant Network Standards:

10BASE-T	100BASE-TX	100BASE-T4
1000BASE-T	2.5GBASE-T	ATM-25
ATM-51	ATM-155	100VG-AnyLan
TR-4	TR-16 Active	TR-16 Passive

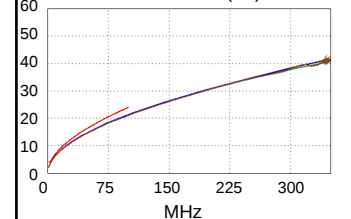


Wire Map (T568B)

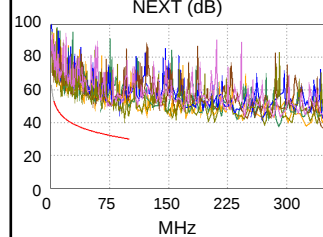
PASS



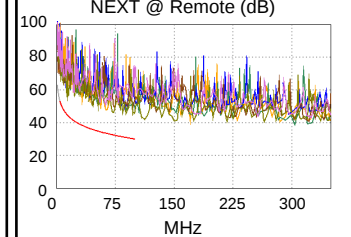
Insertion Loss (dB)



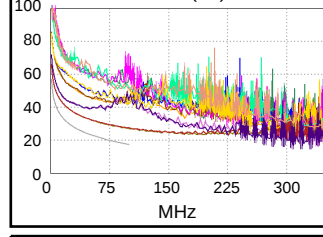
NEXT (dB)



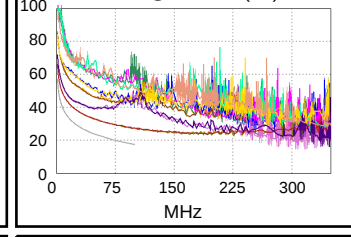
NEXT @ Remote (dB)



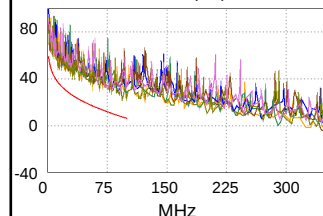
ACR-F (dB)



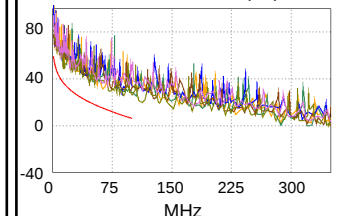
ACR-F @ Remote (dB)



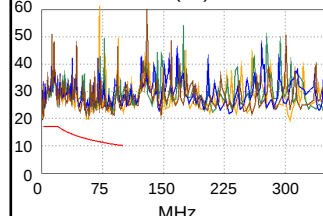
ACR-N (dB)



ACR-N @ Remote (dB)



RL (dB)



RL @ Remote (dB)

