

Cable ID	Summary	Test Limit	Length	Headroom	Date / Time
20ET1-270	PASS	TIA Cat 5e Channel	99 ft	11.5 dB (NEXT)	08/16/2022 02:24 PM
20ET1-259	PASS	TIA Cat 5e Channel	94 ft	9.7 dB (NEXT)	08/16/2022 02:25 PM

Total Length:	193 ft
Number of Reports:	2
Number of Passing Reports:	2
Number of Failing Reports:	0
Number of Warning Reports:	0
Documentation Only:	0



## Cable ID: 20ET1-270

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 08/16/2022 02:24:40 PM

Headroom 11.5 dB (NEXT 1,2-3,6)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 19140167

Software Version: V6.7 Build 1

Calibration Date: 07/01/2022

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4592537

## Test Summary: PASS

Remote: Versiv

S/N: 19140163

Software Version: V6.7 Build 1

Calibration Date: 07/01/2022

Adapter: DSX-5000R (DSX-PLA004)

S/N: 4537097

Length (ft), Limit 328	[Pair 7,8]	99
Prop. Delay (ns), Limit 555	[Pair 4,5]	152
Delay Skew (ns), Limit 50	[Pair 4,5]	6
Resistance (ohms)	[Pair 4,5]	5.72
Insertion Loss Margin (dB)	[Pair 4,5]	17.0
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	1,2-3,6	1,2-7,8	1,2-7,8	1,2-7,8
<b>NEXT (dB)</b>	11.5	11.6	13.7	11.6
Freq. (MHz)	22.4	83.0	94.3	83.0
Limit (dB)	41.2	31.5	30.5	31.5
Worst Pair	3,6	7,8	1,2	1,2
<b>PS NEXT (dB)</b>	13.6	12.6	14.4	13.0
Freq. (MHz)	64.8	27.4	94.3	82.8
Limit (dB)	30.3	36.7	27.5	28.5

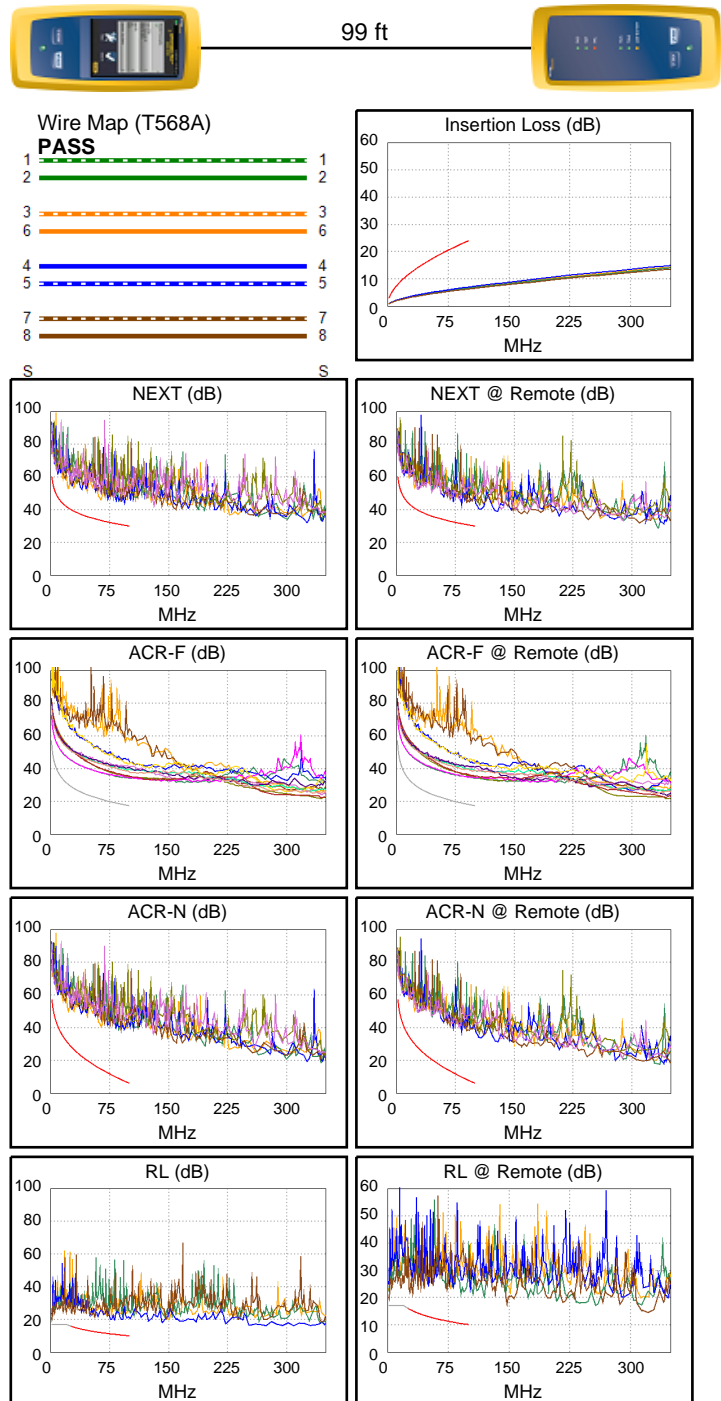
PASS	MAIN	SR	MAIN	SR
Worst Pair	4,5-1,2	1,2-4,5	1,2-4,5	1,2-4,5
<b>ACR-F (dB)</b>	15.3	15.2	16.9	16.9
Freq. (MHz)	1.6	1.6	100.0	100.0
Limit (dB)	53.2	53.2	17.4	17.4
Worst Pair	4,5	4,5	4,5	4,5
<b>PS ACR-F (dB)</b>	16.2	16.1	16.3	16.5
Freq. (MHz)	91.5	82.5	100.0	100.0
Limit (dB)	15.2	16.1	14.4	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	1,2-3,6	1,2-3,6	1,2-7,8	1,2-7,8
<b>ACR-N (dB)</b>	17.2	17.1	30.9	27.7
Freq. (MHz)	2.0	1.8	94.3	83.0
Limit (dB)	55.3	56.4	7.3	9.8
Worst Pair	1,2	1,2	1,2	1,2
<b>PS ACR-N (dB)</b>	17.7	18.0	31.1	28.7
Freq. (MHz)	1.6	1.9	94.3	82.8
Limit (dB)	53.9	52.8	4.3	6.8

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8	7,8	4,5	3,6
<b>RL (dB)</b>	7.9	6.1	8.8	10.9
Freq. (MHz)	26.6	27.3	91.0	90.8
Limit (dB)	15.8	15.7	10.4	10.4

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





## Cable ID: 20ET1-259

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 08/16/2022 02:25:58 PM

Headroom 9.7 dB (NEXT 3,6-4,5)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 19140167

Software Version: V6.7 Build 1

Calibration Date: 07/01/2022

Adapter: DSX-5000 (DSX-CHA004)

S/N: 4592537

## Test Summary: PASS

Remote: Versiv

S/N: 19140163

Software Version: V6.7 Build 1

Calibration Date: 07/01/2022

Adapter: DSX-5000R (DSX-PLA004)

S/N: 4537097

Length (ft), Limit 328	[Pair 7,8]	94
Prop. Delay (ns), Limit 555	[Pair 4,5]	144
Delay Skew (ns), Limit 50	[Pair 4,5]	5
Resistance (ohms)	[Pair 7,8]	6.66
Insertion Loss Margin (dB)	[Pair 1,2]	17.0
Frequency (MHz)	[Pair 1,2]	100.0
Limit (dB)	[Pair 1,2]	24.0

Worst Case Margin Worst Case Value

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
<b>NEXT (dB)</b>	9.7	9.8	12.2	10.5
Freq. (MHz)	16.6	16.8	95.8	96.0
Limit (dB)	43.3	43.3	30.4	30.4
Worst Pair	3,6	3,6	3,6	3,6
<b>PS NEXT (dB)</b>	11.0	11.2	13.9	12.2
Freq. (MHz)	20.3	24.4	96.0	96.0
Limit (dB)	38.9	37.5	27.4	27.4

PASS	MAIN	SR	MAIN	SR
Worst Pair	7,8-4,5	7,8-4,5	7,8-4,5	7,8-4,5
<b>ACR-F (dB)</b>	19.0	19.0	22.0	21.6
Freq. (MHz)	4.8	4.0	100.0	99.3
Limit (dB)	43.9	45.4	17.4	17.5
Worst Pair	4,5	4,5	4,5	4,5
<b>PS ACR-F (dB)</b>	19.7	19.8	23.3	22.6
Freq. (MHz)	2.5	3.4	94.5	99.8
Limit (dB)	46.4	43.8	14.9	14.4

N/A	MAIN	SR	MAIN	SR
Worst Pair	3,6-4,5	3,6-4,5	3,6-4,5	3,6-4,5
<b>ACR-N (dB)</b>	15.4	15.5	28.9	27.2
Freq. (MHz)	9.1	8.9	95.8	96.0
Limit (dB)	40.9	41.2	7.0	6.9
Worst Pair	4,5	4,5	4,5	4,5
<b>PS ACR-N (dB)</b>	16.8	16.6	31.0	29.7
Freq. (MHz)	9.1	8.9	95.8	100.0
Limit (dB)	37.9	38.2	4.0	3.1

PASS	MAIN	SR	MAIN	SR
Worst Pair	3,6	1,2	7,8	7,8
<b>RL (dB)</b>	5.5	5.8	7.4	7.0
Freq. (MHz)	48.5	40.8	95.5	95.5
Limit (dB)	13.2	13.9	10.2	10.2

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

