

| Cable ID | Summary | Test Limit         | Length | Headroom      | Date / Time         |
|----------|---------|--------------------|--------|---------------|---------------------|
| 1TN1-077 | PASS    | TIA Cat 5e Channel | 124 ft | 7.8 dB (NEXT) | 11/14/2022 02:11 PM |

|                            |        |
|----------------------------|--------|
| Total Length:              | 124 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: 1TN1-077

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 11/14/2022 02:11:01 PM

Operator: BILLY MOORE

Headroom 7.8 dB (NEXT 1,2-7,8)

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-PLA004)

S/N: 4537097

## Test Summary: PASS

Remote: Versiv

S/N: 19140163

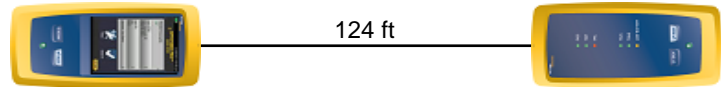
Software Version: V6.7 Build 1

Calibration Date: 07/01/2022

Adapter: DSX-5000R (DSX-CHA004)

S/N: 4592537

|                             |            |       |
|-----------------------------|------------|-------|
| Length (ft), Limit 328      | [Pair 3,6] | 124   |
| Prop. Delay (ns), Limit 555 | [Pair 4,5] | 189   |
| Delay Skew (ns), Limit 50   | [Pair 4,5] | 6     |
| Resistance (ohms)           | [Pair 7,8] | 7.69  |
| Insertion Loss Margin (dB)  | [Pair 3,6] | 15.5  |
| Frequency (MHz)             | [Pair 3,6] | 100.0 |
| Limit (dB)                  | [Pair 3,6] | 24.0  |

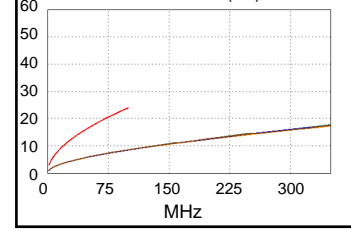


Wire Map (T568A)

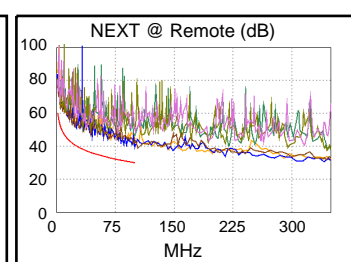
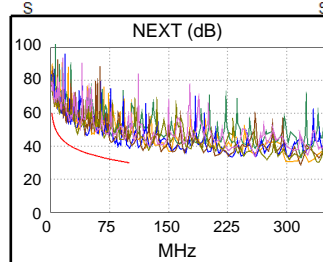
PASS



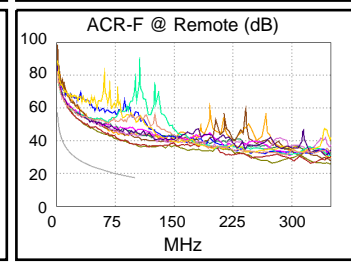
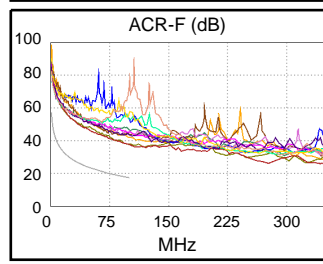
Insertion Loss (dB)



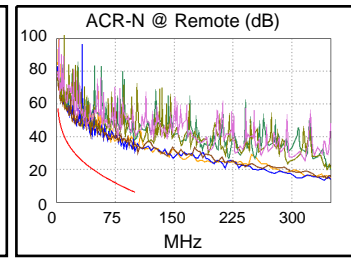
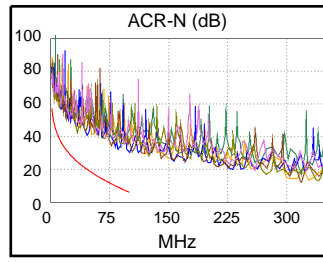
|                     | Worst Case Margin | Worst Case Value |         |         |
|---------------------|-------------------|------------------|---------|---------|
| <b>PASS</b>         | MAIN              | SR               | MAIN    | SR      |
| Worst Pair          | 1,2-7,8           | 1,2-7,8          | 1,2-7,8 | 1,2-7,8 |
| <b>NEXT (dB)</b>    | 7.8               | 9.1              | 7.8     | 9.1     |
| Freq. (MHz)         | 99.8              | 100.0            | 99.8    | 100.0   |
| Limit (dB)          | 30.1              | 30.1             | 30.1    | 30.1    |
| Worst Pair          | 7,8               | 1,2              | 7,8     | 1,2     |
| <b>PS NEXT (dB)</b> | 9.9               | 10.7             | 9.9     | 10.8    |
| Freq. (MHz)         | 100.0             | 88.8             | 100.0   | 100.0   |
| Limit (dB)          | 27.1              | 28.0             | 27.1    | 27.1    |



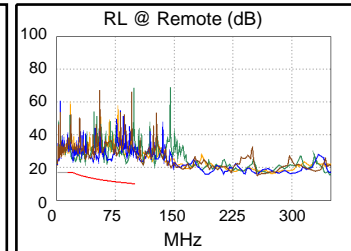
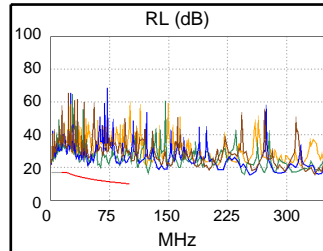
|                      | Worst Case Margin | Worst Case Value |         |         |
|----------------------|-------------------|------------------|---------|---------|
| <b>PASS</b>          | MAIN              | SR               | MAIN    | SR      |
| Worst Pair           | 3,6-4,5           | 4,5-3,6          | 3,6-4,5 | 4,5-3,6 |
| <b>ACR-F (dB)</b>    | 20.1              | 20.1             | 20.1    | 20.1    |
| Freq. (MHz)          | 98.3              | 98.3             | 98.3    | 98.3    |
| Limit (dB)           | 17.6              | 17.6             | 17.6    | 17.6    |
| Worst Pair           | 3,6               | 3,6              | 3,6     | 3,6     |
| <b>PS ACR-F (dB)</b> | 21.2              | 21.4             | 21.2    | 21.7    |
| Freq. (MHz)          | 100.0             | 92.8             | 100.0   | 99.0    |
| Limit (dB)           | 14.4              | 15.1             | 14.4    | 14.5    |



|                      | Worst Case Margin | Worst Case Value |         |         |
|----------------------|-------------------|------------------|---------|---------|
| <b>N/A</b>           | MAIN              | SR               | MAIN    | SR      |
| Worst Pair           | 3,6-4,5           | 3,6-4,5          | 1,2-7,8 | 1,2-7,8 |
| <b>ACR-N (dB)</b>    | 15.1              | 14.2             | 23.3    | 24.6    |
| Freq. (MHz)          | 4.5               | 4.6              | 99.8    | 100.0   |
| Limit (dB)           | 48.0              | 47.7             | 6.1     | 6.1     |
| Worst Pair           | 3,6               | 3,6              | 7,8     | 1,2     |
| <b>PS ACR-N (dB)</b> | 14.5              | 14.5             | 25.4    | 26.4    |
| Freq. (MHz)          | 4.0               | 4.5              | 100.0   | 100.0   |
| Limit (dB)           | 46.1              | 45.0             | 3.1     | 3.1     |



|                | Worst Case Margin | Worst Case Value |      |      |
|----------------|-------------------|------------------|------|------|
| <b>PASS</b>    | MAIN              | SR               | MAIN | SR   |
| Worst Pair     | 4,5               | 3,6              | 3,6  | 3,6  |
| <b>RL (dB)</b> | 7.6               | 7.3              | 8.1  | 11.5 |
| Freq. (MHz)    | 47.8              | 21.4             | 63.8 | 89.0 |
| Limit (dB)     | 13.2              | 16.7             | 12.0 | 10.5 |



Compliant Network Standards:

10BASE-T 100BASE-TX

1000BASE-T 2.5GBASE-T

ATM-51 ATM-155

TR-4 TR-16 Active

100BASE-T4

ATM-25

100VG-AnyLan

TR-16 Passive