

| Cable ID | Summary | Test Limit         | Length | Headroom      | Date / Time         |
|----------|---------|--------------------|--------|---------------|---------------------|
| 20E1-352 | PASS    | TIA Cat 5e Channel | 135 ft | 7.0 dB (NEXT) | 11/10/2022 02:12 PM |

|                            |        |
|----------------------------|--------|
| Total Length:              | 135 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: 20E1-352

Test Limit: TIA Cat 5e Channel

Limits Version: V7.6

Date / Time: 11/10/2022 02:12:13 PM

Operator: BILLY MOORE

Headroom 7.0 dB (NEXT 1,2-7,8)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 3518227

Software Version: V6.7 Build 1

Calibration Date: 07/23/2022

Adapter: DSX-5000 (DSX-CHA004)

S/N: 3509259

## Test Summary: PASS

Remote: Versiv

S/N: 3491268

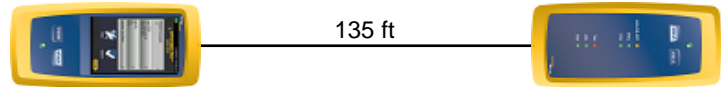
Software Version: V6.7 Build 1

Calibration Date: 07/23/2022

Adapter: DSX-5000R (DSX-PLA004)

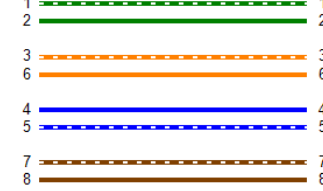
S/N: 4644128

|                             |            |       |
|-----------------------------|------------|-------|
| Length (ft), Limit 328      | [Pair 7,8] | 135   |
| Prop. Delay (ns), Limit 555 | [Pair 4,5] | 208   |
| Delay Skew (ns), Limit 50   | [Pair 4,5] | 10    |
| Resistance (ohms)           | [Pair 4,5] | 7.78  |
| Insertion Loss Margin (dB)  | [Pair 1,2] | 14.9  |
| Frequency (MHz)             | [Pair 1,2] | 100.0 |
| Limit (dB)                  | [Pair 1,2] | 24.0  |

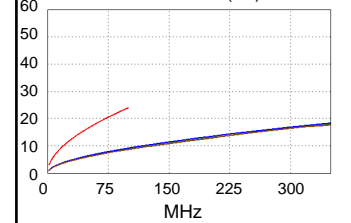


Wire Map (T568A)

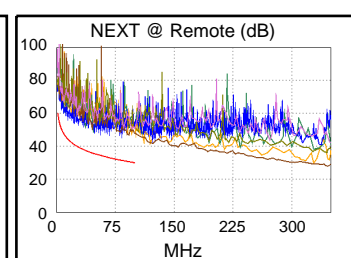
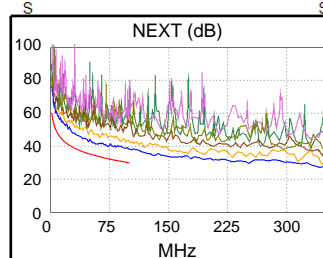
PASS



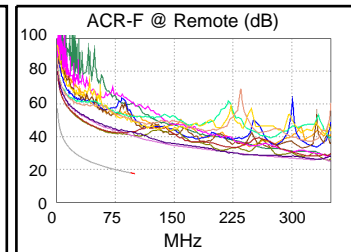
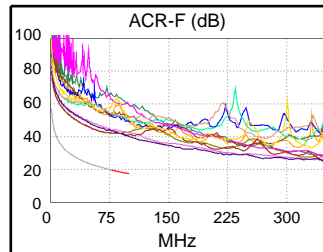
Insertion Loss (dB)



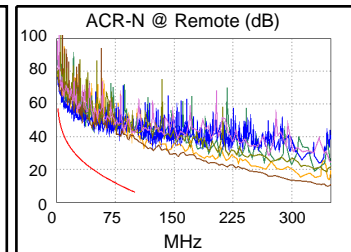
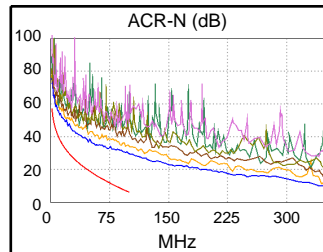
|                     | Worst Case Margin | Worst Case Value |         |         |
|---------------------|-------------------|------------------|---------|---------|
| <b>PASS</b>         | MAIN              | SR               | MAIN    | SR      |
| Worst Pair          | 1,2-7,8           | 1,2-7,8          | 1,2-7,8 | 3,6-4,5 |
| <b>NEXT (dB)</b>    | 7.0               | 12.4             | 8.1     | 16.0    |
| Freq. (MHz)         | 56.8              | 6.5              | 100.0   | 92.8    |
| Limit (dB)          | 34.3              | 50.1             | 30.1    | 30.6    |
| Worst Pair          | 1,2               | 1,2              | 1,2     | 3,6     |
| <b>PS NEXT (dB)</b> | 8.6               | 13.7             | 10.0    | 17.0    |
| Freq. (MHz)         | 47.8              | 48.0             | 100.0   | 92.8    |
| Limit (dB)          | 32.6              | 32.5             | 27.1    | 27.6    |



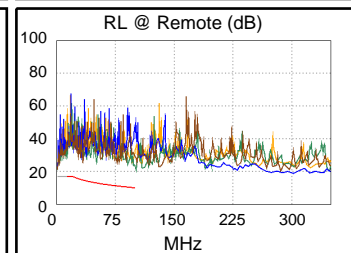
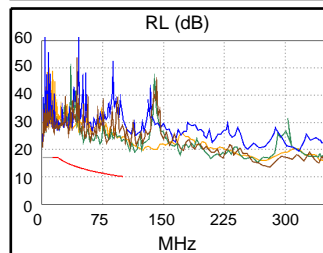
|                      | Worst Case Margin | Worst Case Value |         |         |
|----------------------|-------------------|------------------|---------|---------|
| <b>PASS</b>          | MAIN              | SR               | MAIN    | SR      |
| Worst Pair           | 3,6-4,5           | 3,6-4,5          | 7,8-3,6 | 3,6-7,8 |
| <b>ACR-F (dB)</b>    | 21.6              | 21.3             | 22.6    | 22.8    |
| Freq. (MHz)          | 62.0              | 65.5             | 100.0   | 100.0   |
| Limit (dB)           | 21.6              | 21.1             | 17.4    | 17.4    |
| Worst Pair           | 3,6               | 3,6              | 3,6     | 3,6     |
| <b>PS ACR-F (dB)</b> | 22.4              | 23.0             | 22.9    | 25.2    |
| Freq. (MHz)          | 71.0              | 62.0             | 100.0   | 99.8    |
| Limit (dB)           | 17.4              | 18.6             | 14.4    | 14.4    |



|                      | Worst Case Margin | Worst Case Value |         |         |
|----------------------|-------------------|------------------|---------|---------|
| <b>N/A</b>           | MAIN              | SR               | MAIN    | SR      |
| Worst Pair           | 1,2-7,8           | 1,2-7,8          | 1,2-7,8 | 3,6-4,5 |
| <b>ACR-N (dB)</b>    | 13.9              | 15.5             | 23.5    | 30.2    |
| Freq. (MHz)          | 6.3               | 1.6              | 100.0   | 92.8    |
| Limit (dB)           | 44.8              | 56.9             | 6.1     | 7.6     |
| Worst Pair           | 1,2               | 1,2              | 1,2     | 4,5     |
| <b>PS ACR-N (dB)</b> | 15.3              | 16.0             | 24.9    | 32.6    |
| Freq. (MHz)          | 3.6               | 1.6              | 100.0   | 100.0   |
| Limit (dB)           | 47.0              | 53.9             | 3.1     | 3.1     |



|                | Worst Case Margin | Worst Case Value |      |      |
|----------------|-------------------|------------------|------|------|
| <b>PASS</b>    | MAIN              | SR               | MAIN | SR   |
| Worst Pair     | 7,8               | 7,8              | 7,8  | 3,6  |
| <b>RL (dB)</b> | 8.6               | 11.3             | 10.6 | 12.5 |
| Freq. (MHz)    | 15.1              | 33.5             | 80.5 | 98.8 |
| Limit (dB)     | 17.0              | 14.8             | 11.0 | 10.1 |



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