



## Cable ID: A14

**Test Limit: TIA Cat 6A Perm. Link**  
Limits Version: V7.10  
Date / Time: 11/17/2025 03:05:56 PM  
Operator: QUANTCOM  
**Headroom 2.3 dB (NEXT 3,6-7,8)**  
Cable Type: Cat 6A S/FTP  
NVP: 77.0%

Main: Versiv  
S/N: 17300561  
Software Version: V6.12 Build 2  
Calibration Date: 01/15/2025  
Adapter: DSX-600 (DSX-PLA004)  
S/N: 3998117

## Test Summary: PASS

Remote: Versiv  
S/N: 17300443  
Software Version: V6.12 Build 2  
Calibration Date: 01/15/2025  
Adapter: DSX-600R (DSX-PLA004)  
S/N: 3998118

|                             |            |       |
|-----------------------------|------------|-------|
| Length (ft), Limit 295      | [Pair 4,5] | 95    |
| Prop. Delay (ns), Limit 498 | [Pair 3,6] | 128   |
| Delay Skew (ns), Limit 44   | [Pair 3,6] | 2     |
| Resistance (ohms)           | [Pair 7,8] | 4.18  |
|                             |            |       |
| Insertion Loss Margin (dB)  | [Pair 3,6] | 30.9  |
| Frequency (MHz)             | [Pair 3,6] | 500.0 |
| Limit (dB)                  | [Pair 3,6] | 43.8  |

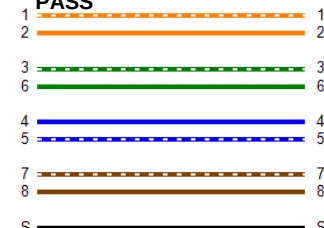


95 ft

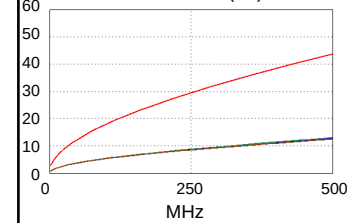


Wire Map (T568B)

**PASS**

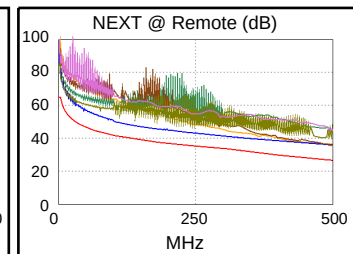
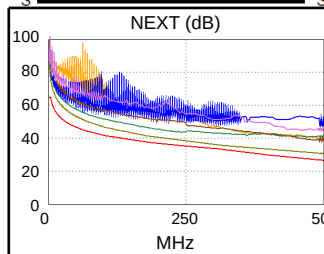


Insertion Loss (dB)

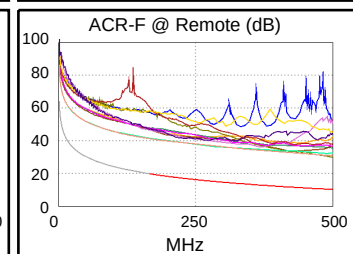
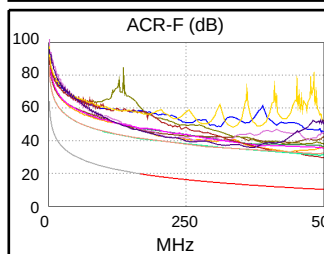


Worst Case Margin Worst Case Value

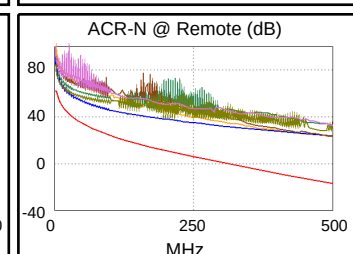
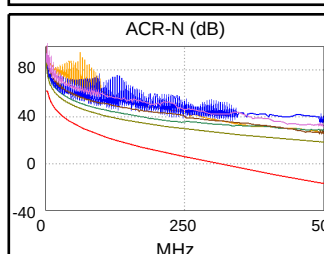
| PASS                | MAIN    | SR      | MAIN    | SR      |
|---------------------|---------|---------|---------|---------|
| Worst Pair          | 3,6-7,8 | 1,2-7,8 | 3,6-7,8 | 3,6-4,5 |
| <b>NEXT (dB)</b>    | 2.3     | 7.2     | 4.0     | 8.8     |
| Freq. (MHz)         | 304.0   | 304.0   | 500.0   | 500.0   |
| Limit (dB)          | 33.8    | 33.8    | 26.7    | 26.7    |
| Worst Pair          | 3,6     | 1,2     | 3,6     | 3,6     |
| <b>PS NEXT (dB)</b> | 4.1     | 8.1     | 5.7     | 8.5     |
| Freq. (MHz)         | 304.0   | 308.0   | 500.0   | 500.0   |
| Limit (dB)          | 31.2    | 31.0    | 23.8    | 23.8    |



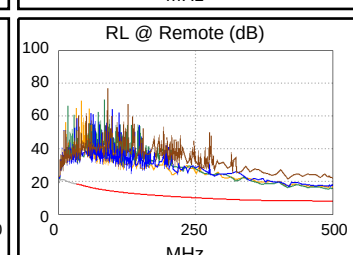
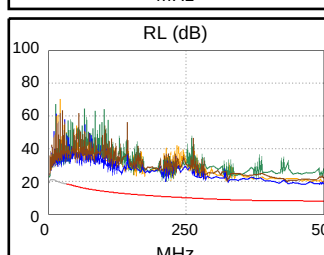
| PASS                 | MAIN    | SR      | MAIN    | SR      |
|----------------------|---------|---------|---------|---------|
| Worst Pair           | 4,5-3,6 | 3,6-4,5 | 4,5-3,6 | 3,6-4,5 |
| <b>ACR-F (dB)</b>    | 19.5    | 19.8    | 19.6    | 19.8    |
| Freq. (MHz)          | 497.0   | 500.0   | 500.0   | 500.0   |
| Limit (dB)           | 10.3    | 10.2    | 10.2    | 10.2    |
| Worst Pair           | 3,6     | 4,5     | 3,6     | 4,5     |
| <b>PS ACR-F (dB)</b> | 20.6    | 19.6    | 21.7    | 19.7    |
| Freq. (MHz)          | 421.0   | 495.0   | 500.0   | 500.0   |
| Limit (dB)           | 8.7     | 7.3     | 7.2     | 7.2     |



| N/A                  | MAIN    | SR      | MAIN    | SR      |
|----------------------|---------|---------|---------|---------|
| Worst Pair           | 3,6-7,8 | 3,6-7,8 | 3,6-7,8 | 3,6-4,5 |
| <b>ACR-N (dB)</b>    | 12.9    | 14.5    | 35.3    | 39.9    |
| Freq. (MHz)          | 3.8     | 4.4     | 500.0   | 500.0   |
| Limit (dB)           | 61.1    | 59.8    | -17.1   | -17.1   |
| Worst Pair           | 7,8     | 7,8     | 3,6     | 3,6     |
| <b>PS ACR-N (dB)</b> | 14.2    | 14.9    | 36.6    | 39.4    |
| Freq. (MHz)          | 5.9     | 5.1     | 500.0   | 500.0   |
| Limit (dB)           | 54.9    | 56.1    | -20.0   | -20.0   |



| PASS           | MAIN  | SR    | MAIN  | SR    |
|----------------|-------|-------|-------|-------|
| Worst Pair     | 4,5   | 3,6   | 4,5   | 3,6   |
| <b>RL (dB)</b> | 10.3  | 6.9   | 10.3  | 6.9   |
| Freq. (MHz)    | 500.0 | 489.0 | 500.0 | 489.0 |
| Limit (dB)     | 8.0   | 8.0   | 8.0   | 8.0   |



### 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 |            |