



## Cable ID: A6

**Test Limit: TIA Cat 6A Perm. Link**  
Limits Version: V7.10  
Date / Time: 11/17/2025 11:58:00 AM  
Operator: QUANTCOM  
**Headroom 8.4 dB (NEXT 3,6-4,5)**  
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: 3998118

## 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: 3998117

|                             |            |       |
|-----------------------------|------------|-------|
| Length (ft), Limit 295      | [Pair 4,5] | 95    |
| Prop. Delay (ns), Limit 498 | [Pair 3,6] | 127   |
| Delay Skew (ns), Limit 44   | [Pair 3,6] | 2     |
| Resistance (ohms)           | [Pair 7,8] | 4.15  |
| Insertion Loss Margin (dB)  | [Pair 3,6] | 30.6  |
| Frequency (MHz)             | [Pair 3,6] | 500.0 |
| Limit (dB)                  | [Pair 3,6] | 43.8  |



95 ft



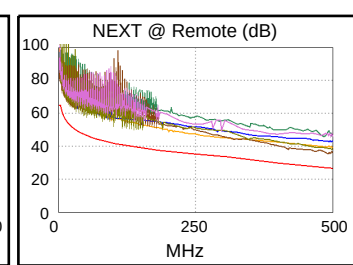
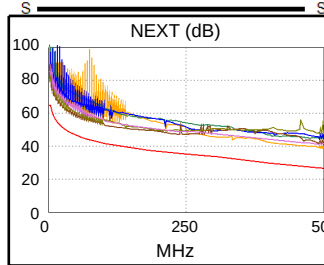
Wire Map (T568B)

**PASS**

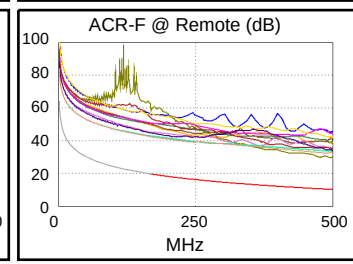
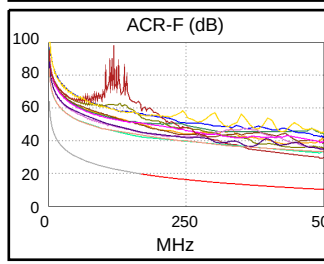


Worst Case Margin Worst Case Value

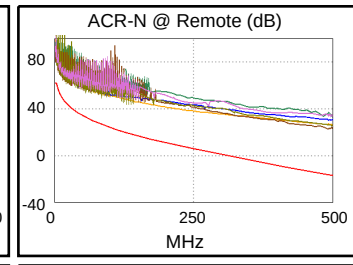
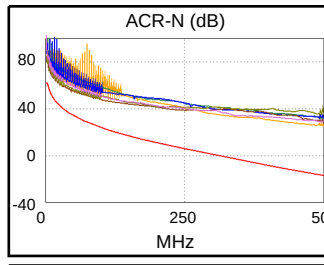
| <b>PASS</b>         | MAIN    | SR      | MAIN    | SR      |
|---------------------|---------|---------|---------|---------|
| Worst Pair          | 3,6-4,5 | 3,6-4,5 | 1,2-3,6 | 3,6-4,5 |
| <b>NEXT (dB)</b>    | 10.8    | 8.4     | 12.0    | 8.5     |
| Freq. (MHz)         | 69.8    | 488.0   | 498.0   | 491.0   |
| Limit (dB)          | 44.4    | 27.0    | 26.7    | 26.9    |
| Worst Pair          | 3,6     | 3,6     | 3,6     | 3,6     |
| <b>PS NEXT (dB)</b> | 10.6    | 8.7     | 12.9    | 8.9     |
| Freq. (MHz)         | 133.0   | 487.0   | 499.0   | 495.0   |
| Limit (dB)          | 37.3    | 24.2    | 23.8    | 23.9    |



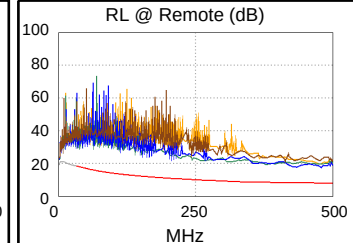
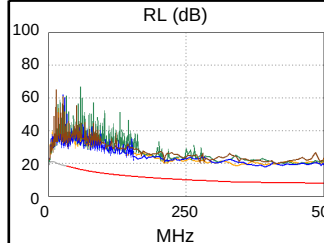
| <b>PASS</b>          | MAIN    | SR      | MAIN    | SR      |
|----------------------|---------|---------|---------|---------|
| Worst Pair           | 4,5-3,6 | 3,6-4,5 | 4,5-3,6 | 3,6-4,5 |
| <b>ACR-F (dB)</b>    | 18.5    | 19.1    | 18.5    | 19.4    |
| Freq. (MHz)          | 476.0   | 475.0   | 476.0   | 497.0   |
| Limit (dB)           | 10.6    | 10.7    | 10.6    | 10.3    |
| Worst Pair           | 3,6     | 4,5     | 3,6     | 4,5     |
| <b>PS ACR-F (dB)</b> | 20.3    | 20.2    | 20.3    | 20.3    |
| Freq. (MHz)          | 477.0   | 492.0   | 477.0   | 494.0   |
| Limit (dB)           | 7.6     | 7.4     | 7.6     | 7.3     |



| <b>N/A</b>           | MAIN    | SR      | MAIN    | SR      |
|----------------------|---------|---------|---------|---------|
| Worst Pair           | 3,6-4,5 | 3,6-4,5 | 1,2-3,6 | 3,6-4,5 |
| <b>ACR-N (dB)</b>    | 15.3    | 16.1    | 42.4    | 39.1    |
| Freq. (MHz)          | 5.5     | 6.0     | 498.0   | 491.0   |
| Limit (dB)           | 57.8    | 57.0    | -16.9   | -16.4   |
| Worst Pair           | 3,6     | 4,5     | 3,6     | 4,5     |
| <b>PS ACR-N (dB)</b> | 16.7    | 17.4    | 43.4    | 39.2    |
| Freq. (MHz)          | 4.9     | 5.6     | 499.0   | 495.0   |
| Limit (dB)           | 56.6    | 55.3    | -19.9   | -19.6   |



| <b>PASS</b>    | MAIN  | SR    | MAIN  | SR    |
|----------------|-------|-------|-------|-------|
| Worst Pair     | 1,2   | 4,5   | 4,5   | 4,5   |
| <b>RL (dB)</b> | 9.2   | 9.4   | 9.7   | 9.4   |
| Freq. (MHz)    | 212.5 | 479.0 | 393.0 | 479.0 |
| Limit (dB)     | 10.7  | 8.0   | 8.1   | 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 |            |