



## Cable ID: C8

**Test Limit: TIA Cat 6A Perm. Link**  
Limits Version: V7.10  
Date / Time: 11/17/2025 12:41:57 PM  
Operator: QUANTCOM  
**Headroom 3.1 dB (NEXT 4,5-7,8)**  
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] | 62    |
| Prop. Delay (ns), Limit 498 | [Pair 3,6] | 84    |
| Delay Skew (ns), Limit 44   | [Pair 3,6] | 2     |
| Resistance (ohms)           | [Pair 7,8] | 2.78  |
|                             |            |       |
| Insertion Loss Margin (dB)  | [Pair 3,6] | 34.0  |
| Frequency (MHz)             | [Pair 3,6] | 496.0 |
| Limit (dB)                  | [Pair 3,6] | 43.5  |



62 ft

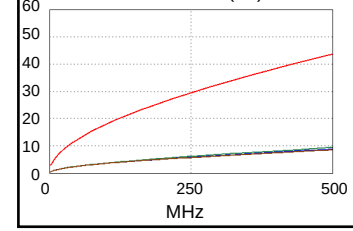


Wire Map (T568B)

**PASS**

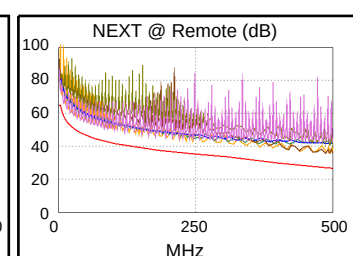
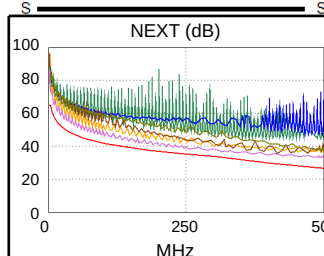


Insertion Loss (dB)

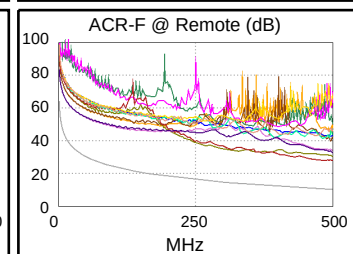
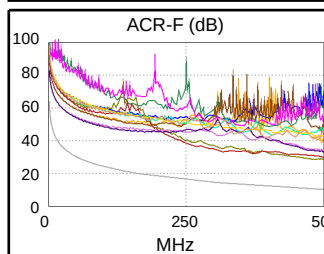


Worst Case Margin Worst Case Value

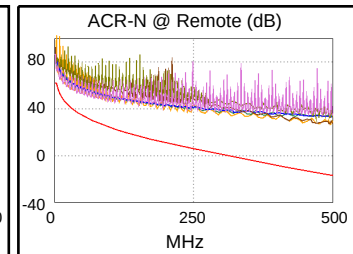
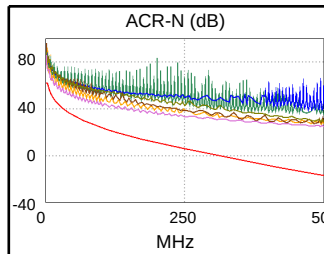
| PASS                | MAIN    | SR      | MAIN    | SR      |
|---------------------|---------|---------|---------|---------|
| Worst Pair          | 4,5-7,8 | 4,5-7,8 | 4,5-7,8 | 3,6-4,5 |
| <b>NEXT (dB)</b>    | 3.1     | 7.2     | 6.3     | 8.7     |
| Freq. (MHz)         | 301.0   | 58.5    | 500.0   | 488.0   |
| Limit (dB)          | 34.0    | 45.6    | 26.7    | 27.0    |
| Worst Pair          | 4,5     | 1,2     | 4,5     | 3,6     |
| <b>PS NEXT (dB)</b> | 4.6     | 7.3     | 6.8     | 8.5     |
| Freq. (MHz)         | 302.0   | 233.0   | 482.0   | 495.0   |
| Limit (dB)          | 31.3    | 33.2    | 24.3    | 23.9    |



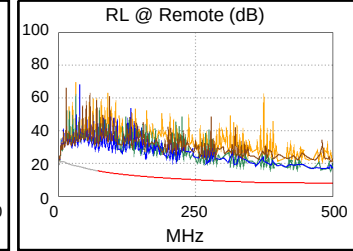
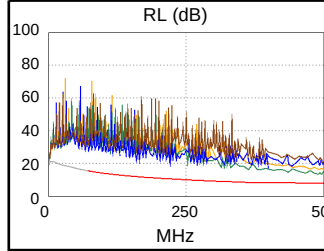
| PASS                 | MAIN    | SR      | MAIN    | SR      |
|----------------------|---------|---------|---------|---------|
| Worst Pair           | 3,6-4,5 | 4,5-3,6 | 3,6-4,5 | 4,5-3,6 |
| <b>ACR-F (dB)</b>    | 17.8    | 17.3    | 17.9    | 17.3    |
| Freq. (MHz)          | 475.0   | 481.0   | 481.0   | 481.0   |
| Limit (dB)           | 10.7    | 10.5    | 10.5    | 10.5    |
| Worst Pair           | 4,5     | 3,6     | 3,6     | 3,6     |
| <b>PS ACR-F (dB)</b> | 20.6    | 19.3    | 20.8    | 19.5    |
| Freq. (MHz)          | 475.0   | 480.0   | 499.0   | 499.0   |
| Limit (dB)           | 7.7     | 7.6     | 7.2     | 7.2     |



| N/A                  | MAIN    | SR      | MAIN    | SR      |
|----------------------|---------|---------|---------|---------|
| Worst Pair           | 4,5-7,8 | 4,5-7,8 | 4,5-7,8 | 1,2-3,6 |
| <b>ACR-N (dB)</b>    | 11.3    | 11.3    | 41.6    | 43.2    |
| Freq. (MHz)          | 3.4     | 3.6     | 500.0   | 495.0   |
| Limit (dB)           | 61.7    | 61.4    | -17.1   | -16.7   |
| Worst Pair           | 7,8     | 4,5     | 3,6     | 3,6     |
| <b>PS ACR-N (dB)</b> | 13.1    | 13.0    | 41.6    | 42.6    |
| Freq. (MHz)          | 9.3     | 3.8     | 489.0   | 495.0   |
| Limit (dB)           | 50.7    | 58.6    | -19.1   | -19.6   |



| PASS           | MAIN  | SR    | MAIN  | SR    |
|----------------|-------|-------|-------|-------|
| Worst Pair     | 3,6   | 3,6   | 3,6   | 3,6   |
| <b>RL (dB)</b> | 5.3   | 7.3   | 5.3   | 7.3   |
| Freq. (MHz)    | 490.0 | 496.0 | 490.0 | 496.0 |
| 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 |            |