



**Cable ID/ Test ID: 6FO-008546**

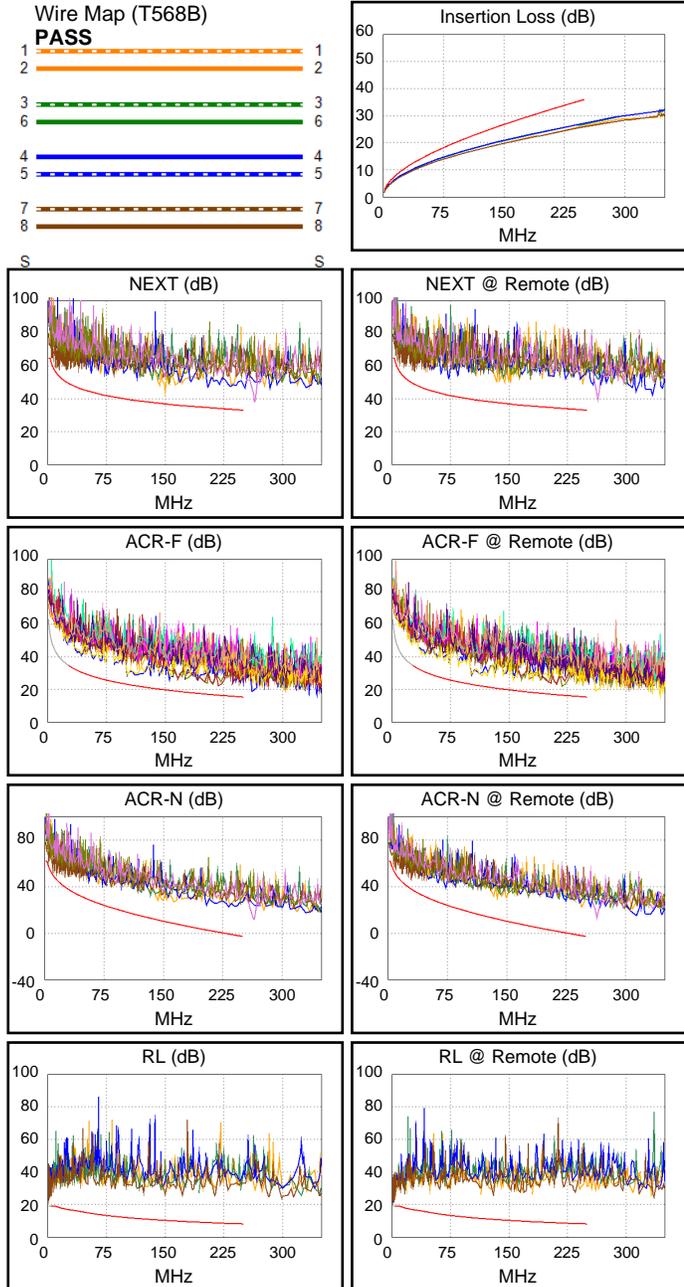
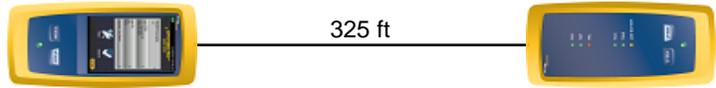
Test Limit: TIA Cat 6 Channel  
Limits Version: V7.11  
Date / Time: 01/13/2026 12:51:27 PM  
Operator: CC  
Headroom 5.4 dB (NEXT 3,6-4,5)  
Cable Type: Cat 6 F/UTP  
NVP: 70.0%

Main: Versiv  
S/N: 1927448  
Software Version: V6.13 Build 2  
Calibration Date: 07/30/2025  
Adapter: DSX-8000 (DSX-CHA804)  
S/N: 23340195

**Test Summary: PASS**

Remote: Versiv  
S/N: 1927219  
Software Version: V6.13 Build 2  
Calibration Date: 07/30/2025  
Adapter: DSX-8000R (DSX-CHA804)  
S/N: 23340196

|                             |            |       |
|-----------------------------|------------|-------|
| Length (ft), Limit 328      | [Pair 7,8] | 325   |
| Prop. Delay (ns), Limit 555 | [Pair 4,5] | 500   |
| Delay Skew (ns), Limit 50   | [Pair 4,5] | 28    |
| Resistance (ohms)           | [Pair 4,5] | 14.54 |
|                             |            |       |
| Insertion Loss Margin (dB)  | [Pair 4,5] | 8.7   |
| Frequency (MHz)             | [Pair 4,5] | 250.0 |
| Limit (dB)                  | [Pair 4,5] | 35.9  |



Worst Case Margin Worst Case Value

| PASS                | MAIN    | SR      | MAIN    | SR      |
|---------------------|---------|---------|---------|---------|
| Worst Pair          | 3,6-4,5 | 3,6-4,5 | 1,2-3,6 | 1,2-3,6 |
| <b>NEXT (dB)</b>    | 5.4     | 6.7     | 7.9     | 16.0    |
| Freq. (MHz)         | 9.9     | 10.0    | 150.0   | 244.5   |
| Limit (dB)          | 56.7    | 56.6    | 36.9    | 33.3    |
| Worst Pair          | 3,6     | 3,6     | 3,6     | 1,2     |
| <b>PS NEXT (dB)</b> | 7.5     | 8.3     | 10.4    | 17.6    |
| Freq. (MHz)         | 9.9     | 6.9     | 150.5   | 244.5   |
| Limit (dB)          | 54.1    | 56.7    | 34.0    | 30.3    |

| PASS                 | MAIN    | SR      | MAIN    | SR      |
|----------------------|---------|---------|---------|---------|
| Worst Pair           | 1,2-7,8 | 7,8-1,2 | 4,5-3,6 | 3,6-4,5 |
| <b>ACR-F (dB)</b>    | 5.1     | 5.2     | 6.3     | 6.1     |
| Freq. (MHz)          | 106.0   | 106.0   | 242.0   | 242.0   |
| Limit (dB)           | 22.8    | 22.8    | 15.6    | 15.6    |
| Worst Pair           | 7,8     | 1,2     | 3,6     | 4,5     |
| <b>PS ACR-F (dB)</b> | 8.0     | 8.0     | 8.2     | 8.9     |
| Freq. (MHz)          | 106.0   | 106.0   | 242.0   | 242.0   |
| Limit (dB)           | 19.8    | 19.8    | 12.6    | 12.6    |

| N/A                  | MAIN    | SR      | MAIN    | SR      |
|----------------------|---------|---------|---------|---------|
| Worst Pair           | 3,6-4,5 | 3,6-4,5 | 1,2-7,8 | 1,2-3,6 |
| <b>ACR-N (dB)</b>    | 6.4     | 7.5     | 23.1    | 24.8    |
| Freq. (MHz)          | 9.9     | 6.9     | 233.0   | 244.5   |
| Limit (dB)           | 50.4    | 54.0    | -0.8    | -2.2    |
| Worst Pair           | 3,6     | 3,6     | 1,2     | 3,6     |
| <b>PS ACR-N (dB)</b> | 8.6     | 9.3     | 25.0    | 27.3    |
| Freq. (MHz)          | 9.9     | 6.9     | 238.0   | 244.5   |
| Limit (dB)           | 47.8    | 51.4    | -4.4    | -5.2    |

| PASS           | MAIN | SR   | MAIN  | SR    |
|----------------|------|------|-------|-------|
| Worst Pair     | 7,8  | 7,8  | 7,8   | 7,8   |
| <b>RL (dB)</b> | 8.5  | 7.2  | 16.8  | 16.3  |
| Freq. (MHz)    | 3.6  | 3.6  | 213.5 | 171.5 |
| Limit (dB)     | 19.0 | 19.0 | 8.7   | 9.7   |

Compliant Network Standards:  
 10BASE-T      100BASE-TX      100BASE-T4  
 1000BASE-T    2.5GBASE-T      5GBASE-T  
 ATM-25        ATM-51            ATM-155  
 100VG-AnyLan    TR-4              TR-16 Active  
 TR-16 Passive