



**Cable ID: Cat 6 SFTP Legrand**

Test Limit: TIA Cat 6 Perm. Link

Limits Version: V4.8

Date / Time: 06/14/1400 11:46:28 AM

Operator: ADEL

Headroom 4.7 dB (NEXT 1,2-4,5)

Cable Type: Cat 6 F/UTP

NVP: 70.0%

Main: Versiv

S/N: 3463074

Software Version: V4.8 Build 1

Calibration Date: 08/25/1399

Adapter: DSX-5000 (DSX-PLA004)

S/N: 3529136

Remote: Versiv

S/N: 3463114

Software Version: V4.8 Build 1

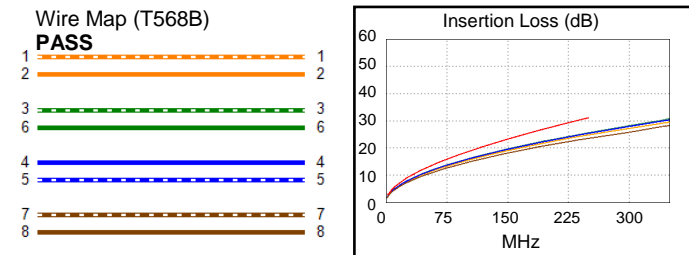
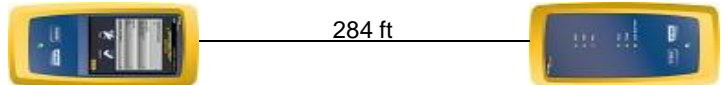
Calibration Date: 08/25/1399

Adapter: DSX-5000R (DSX-PLA004)

S/N: 3529135

**Test Summary: PASS**

|                             |            |       |
|-----------------------------|------------|-------|
| Length (ft), Limit 295      | [Pair 7,8] | 284   |
| Prop. Delay (ns), Limit 498 | [Pair 3,6] | 450   |
| Delay Skew (ns), Limit 44   | [Pair 3,6] | 37    |
| Resistance (ohms)           | [Pair 3,6] | 14.11 |
|                             |            |       |
| Insertion Loss Margin (dB)  | [Pair 3,6] | 5.5   |
| Frequency (MHz)             | [Pair 3,6] | 250.0 |
| Limit (dB)                  | [Pair 3,6] | 31.1  |



|                      | Worst Case Margin |         | Worst Case Value |         |
|----------------------|-------------------|---------|------------------|---------|
| <b>PASS</b>          | MAIN              | SR      | MAIN             | SR      |
| Worst Pair           | 1,2-4,5           | 1,2-4,5 | 1,2-4,5          | 1,2-4,5 |
| <b>NEXT (dB)</b>     | 4.7               | 3.2     | 4.3              | 3.2     |
| Freq. (MHz)          | 75.0              | 240.5   | 249.0            | 240.5   |
| Limit (dB)           | 43.9              | 35.6    | 35.4             | 35.6    |
| Worst Pair           | 4,5               | 4,5     | 1,2              | 4,5     |
| <b>PS NEXT (dB)</b>  | 4.3               | 3.2     | 4.8              | 3.2     |
| Freq. (MHz)          | 85.5              | 240.5   | 249.0            | 240.5   |
| Limit (dB)           | 40.4              | 33.0    | 32.7             | 33.0    |
| <b>PASS</b>          | 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>    | 14.0              | 13.9    | 14.2             | 14.0    |
| Freq. (MHz)          | 161.0             | 179.5   | 181.5            | 181.5   |
| Limit (dB)           | 20.1              | 19.1    | 19.0             | 19.0    |
| Worst Pair           | 4,5               | 3,6     | 3,6              | 3,6     |
| <b>PS ACR-F (dB)</b> | 15.6              | 15.7    | 16.1             | 15.9    |
| Freq. (MHz)          | 155.5             | 159.0   | 189.5            | 190.0   |
| Limit (dB)           | 17.4              | 17.2    | 15.6             | 15.6    |
| <b>N/A</b>           | MAIN              | SR      | MAIN             | SR      |
| Worst Pair           | 3,6-4,5           | 3,6-4,5 | 1,2-4,5          | 1,2-4,5 |
| <b>ACR-N (dB)</b>    | 3.3               | 2.6     | 8.9              | 6.7     |
| Freq. (MHz)          | 20.8              | 9.6     | 249.0            | 240.5   |
| Limit (dB)           | 44.8              | 52.7    | 4.3              | 5.2     |
| Worst Pair           | 4,5               | 4,5     | 4,5              | 4,5     |
| <b>PS ACR-N (dB)</b> | 4.3               | 4.3     | 11.1             | 8.7     |
| Freq. (MHz)          | 85.5              | 9.9     | 249.0            | 240.5   |
| Limit (dB)           | 23.4              | 50.1    | 1.7              | 2.6     |
| <b>PASS</b>          | MAIN              | SR      | MAIN             | SR      |
| Worst Pair           | 7,8               | 7,8     | 7,8              | 7,8     |
| <b>RL (dB)</b>       | 4.9               | 6.9     | 4.9              | 7.9     |
| Freq. (MHz)          | 115.0             | 7.3     | 115.0            | 113.5   |
| Limit (dB)           | 13.4              | 21.0    | 13.4             | 13.5    |

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

