



## Cable ID: TKE-C06-U/UTP-42-5E-305

Test Limit: TIA Cat 5e Perm. Link

Limits Version: V7.4

Date / Time: 04/29/2026 03:36:11 PM

Headroom 7.1 dB (NEXT 4,5-7,8)

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Main: Versiv

S/N: 1944019

Software Version: V6.4 Build 4

Calibration Date: 12/30/2024

Adapter: DSX-8000 (DSX-PLA804)

S/N: 19420978

## Test Summary: PASS

Remote: Versiv

S/N: 1944025

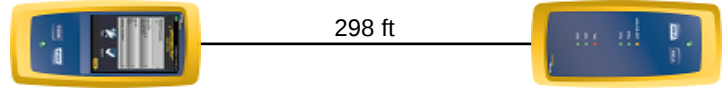
Software Version: V6.4 Build 4

Calibration Date: 12/30/2024

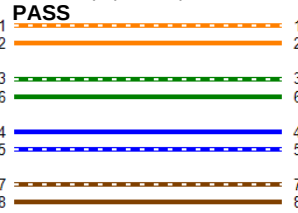
Adapter: DSX-8000R (DSX-PLA804)

S/N: 19420982

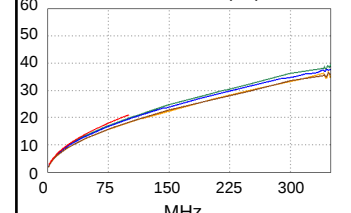
|                             |            |       |
|-----------------------------|------------|-------|
| Length (ft), Limit 295      | [Pair 1,2] | 298   |
| Prop. Delay (ns), Limit 498 | [Pair 3,6] | 459   |
| Delay Skew (ns), Limit 44   | [Pair 3,6] | 20    |
| Resistance (ohms)           | [Pair 3,6] | 19.42 |
|                             |            |       |
| Insertion Loss Margin (dB)  | [Pair 3,6] | 1.2   |
| Frequency (MHz)             | [Pair 3,6] | 100.0 |
| Limit (dB)                  | [Pair 3,6] | 21.0  |



Wire Map (T568B)



Insertion Loss (dB)



Worst Case Margin Worst Case Value

| PASS         | MAIN    | SR      | MAIN    | SR      |
|--------------|---------|---------|---------|---------|
| Worst Pair   | 4,5-7,8 | 1,2-4,5 | 4,5-7,8 | 1,2-3,6 |
| NEXT (dB)    | 7.1     | 8.2     | 7.2     | 9.6     |
| Freq. (MHz)  | 37.8    | 21.1    | 60.3    | 75.5    |
| Limit (dB)   | 39.2    | 43.3    | 35.9    | 34.3    |
| Worst Pair   | 4,5     | 1,2     | 7,8     | 1,2     |
| PS NEXT (dB) | 9.6     | 9.8     | 12.8    | 11.7    |
| Freq. (MHz)  | 60.5    | 21.0    | 99.0    | 93.8    |
| Limit (dB)   | 32.9    | 40.3    | 29.4    | 29.8    |

| PASS          | MAIN    | SR      | MAIN    | SR      |
|---------------|---------|---------|---------|---------|
| Worst Pair    | 3,6-4,5 | 4,5-3,6 | 1,2-7,8 | 7,8-1,2 |
| ACR-F (dB)    | 11.2    | 11.1    | 12.3    | 12.4    |
| Freq. (MHz)   | 14.4    | 14.5    | 79.3    | 79.3    |
| Limit (dB)    | 35.5    | 35.4    | 20.6    | 20.6    |
| Worst Pair    | 4,5     | 3,6     | 7,8     | 1,2     |
| PS ACR-F (dB) | 13.9    | 14.1    | 14.1    | 16.5    |
| Freq. (MHz)   | 14.4    | 14.5    | 79.0    | 100.0   |
| Limit (dB)    | 32.5    | 32.4    | 17.7    | 15.6    |

| N/A           | MAIN    | SR      | MAIN    | SR      |
|---------------|---------|---------|---------|---------|
| Worst Pair    | 4,5-7,8 | 1,2-4,5 | 1,2-4,5 | 1,2-3,6 |
| ACR-N (dB)    | 8.5     | 8.6     | 12.5    | 12.4    |
| Freq. (MHz)   | 37.8    | 21.3    | 93.8    | 95.8    |
| Limit (dB)    | 26.8    | 34.1    | 12.5    | 12.1    |
| Worst Pair    | 4,5     | 1,2     | 4,5     | 1,2     |
| PS ACR-N (dB) | 10.5    | 10.8    | 15.0    | 14.8    |
| Freq. (MHz)   | 37.8    | 21.0    | 99.8    | 96.0    |
| Limit (dB)    | 23.8    | 31.2    | 8.4     | 9.1     |

| PASS        | MAIN | SR   | MAIN | SR   |
|-------------|------|------|------|------|
| Worst Pair  | 1,2  | 1,2  | 1,2  | 1,2  |
| RL (dB)     | 4.0  | 5.2  | 10.9 | 8.0  |
| Freq. (MHz) | 3.8  | 3.9  | 97.3 | 89.0 |
| Limit (dB)  | 19.0 | 19.0 | 12.1 | 12.5 |

### Compliant Network Standards:

|            |              |               |
|------------|--------------|---------------|
| 10BASE-T   | 100BASE-TX   | 100BASE-T4    |
| 1000BASE-T | 2.5GBASE-T   | ATM-25        |
| ATM-51     | ATM-155      | 100VG-AnyLan  |
| TR-4       | TR-16 Active | TR-16 Passive |

