



## Cable ID/ Test ID: PCU6-10CU-0300-S-001

Test Limit: ISO11801 Channel Class Ea

Limits Version: V7.11

Date / Time: 2026/05/07 07:20:59

Operator: Lanberg

Headroom 9.2 dB (NEXT 1,2-4,5)

Cable Type: Cat 6A U/UTP

NVP: 68.2%

Main: Versiv

S/N: 24410021

Software Version: V6.14 Build 9

Calibration Date: 2025/05/28

Adapter: DSX-602 (DSX-CHA004)

S/N: 25073276

## Test Summary: PASS

Remote: Versiv

S/N: 24250049

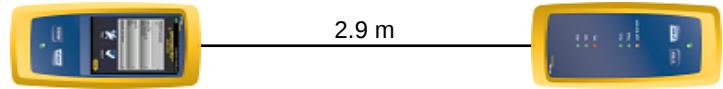
Software Version: V6.14 Build 9

Calibration Date: 2025/05/28

Adapter: DSX-602R (DSX-CHA004)

S/N: 25073277

|                                |            |       |
|--------------------------------|------------|-------|
| Length (m), Limit 100.0        | [Pair 1,2] | 2.9   |
| Prop. Delay (ns), Limit 555    | [Pair 3,6] | 15    |
| Delay Skew (ns), Limit 50      | [Pair 3,6] | 1     |
| Resistance (ohms), Limit 25.00 | [Pair 7,8] | 0.82  |
| Insertion Loss Margin (dB)     | [Pair 7,8] | 44.0  |
| Frequency (MHz)                | [Pair 7,8] | 446.0 |
| Limit (dB)                     | [Pair 7,8] | 46.3  |

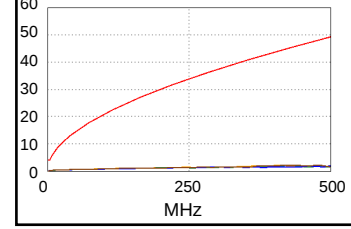


Wire Map (T568B)

PASS

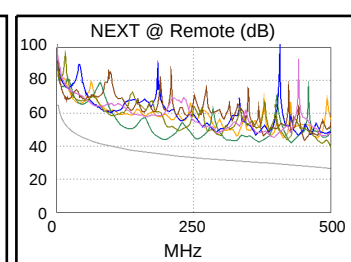
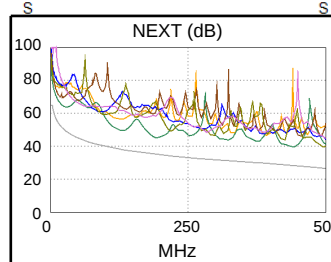


Insertion Loss (dB)

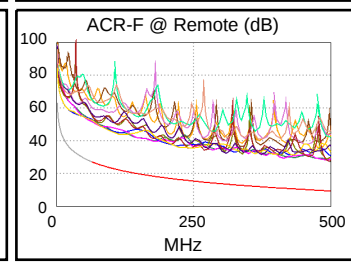
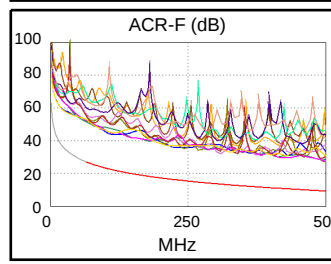


Worst Case Margin Worst Case Value

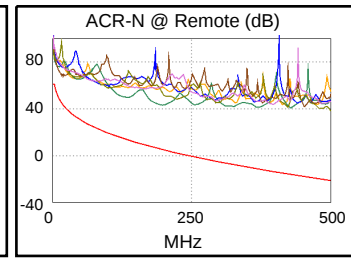
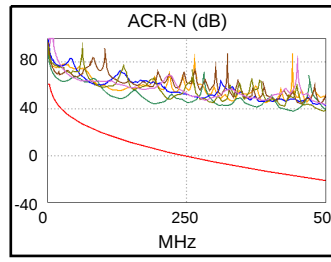
| N/A                 | MAIN    | SR      | MAIN    | SR      |
|---------------------|---------|---------|---------|---------|
| Worst Pair          | 1,2-4,5 | 1,2-4,5 | 1,2-4,5 | 3,6-7,8 |
| <b>NEXT (dB)</b>    | 10.2    | 9.2     | 10.7    | 13.0    |
| Freq. (MHz)         | 192.5   | 198.0   | 442.0   | 500.0   |
| Limit (dB)          | 35.1    | 34.9    | 28.8    | 26.5    |
| Worst Pair          | 4,5     | 1,2     | 7,8     | 7,8     |
| <b>PS NEXT (dB)</b> | 12.8    | 11.9    | 14.3    | 15.1    |
| Freq. (MHz)         | 192.0   | 197.0   | 500.0   | 500.0   |
| Limit (dB)          | 32.2    | 32.0    | 23.4    | 23.4    |



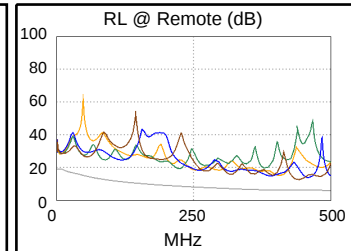
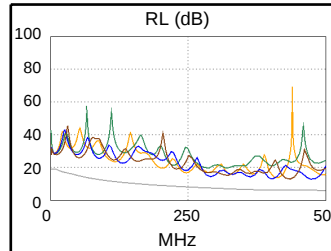
| PASS                 | MAIN    | SR      | MAIN    | SR      |
|----------------------|---------|---------|---------|---------|
| Worst Pair           | 3,6-4,5 | 1,2-4,5 | 3,6-4,5 | 1,2-4,5 |
| <b>ACR-F (dB)</b>    | 18.0    | 17.9    | 18.0    | 17.9    |
| Freq. (MHz)          | 499.0   | 500.0   | 499.0   | 500.0   |
| Limit (dB)           | 9.3     | 9.3     | 9.3     | 9.3     |
| Worst Pair           | 4,5     | 4,5     | 4,5     | 4,5     |
| <b>PS ACR-F (dB)</b> | 18.4    | 19.0    | 18.4    | 19.1    |
| Freq. (MHz)          | 497.0   | 495.0   | 497.0   | 499.0   |
| Limit (dB)           | 6.3     | 6.4     | 6.3     | 6.3     |



| PASS                 | MAIN    | SR      | MAIN    | SR      |
|----------------------|---------|---------|---------|---------|
| Worst Pair           | 1,2-4,5 | 1,2-4,5 | 1,2-4,5 | 3,6-7,8 |
| <b>ACR-N (dB)</b>    | 18.3    | 20.8    | 55.3    | 59.4    |
| Freq. (MHz)          | 4.5     | 3.1     | 442.0   | 500.0   |
| Limit (dB)           | 57.8    | 60.8    | -17.3   | -21.4   |
| Worst Pair           | 1,2     | 1,2     | 7,8     | 7,8     |
| <b>PS ACR-N (dB)</b> | 19.1    | 20.7    | 60.7    | 61.5    |
| Freq. (MHz)          | 3.5     | 3.3     | 500.0   | 500.0   |
| Limit (dB)           | 57.5    | 58.0    | -24.5   | -24.5   |



| N/A            | MAIN  | SR    | MAIN  | SR    |
|----------------|-------|-------|-------|-------|
| Worst Pair     | 4,5   | 7,8   | 4,5   | 7,8   |
| <b>RL (dB)</b> | 6.8   | 6.5   | 6.8   | 6.5   |
| Freq. (MHz)    | 478.0 | 443.0 | 478.0 | 443.0 |
| Limit (dB)     | 6.0   | 6.0   | 6.0   | 6.0   |



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 |            |