



Cable ID: 8-CAT6-CMR-90.8m

Test Limit: TIA Cat 6 Perm. Link (+All)

Limits Version: V7.5

Date / Time: 02/25/2021 10:08:59 AM

Headroom 6.0 dB (NEXT 1,2-3,6)

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Main: Versiv

S/N: 2044074

Software Version: V6.5 Build 5

Calibration Date: 02/24/2021

Adapter: DSX-8000 (DSX-PLA804)

S/N: 21049959

Remote: Versiv

S/N: 2039444

Software Version: V6.5 Build 5

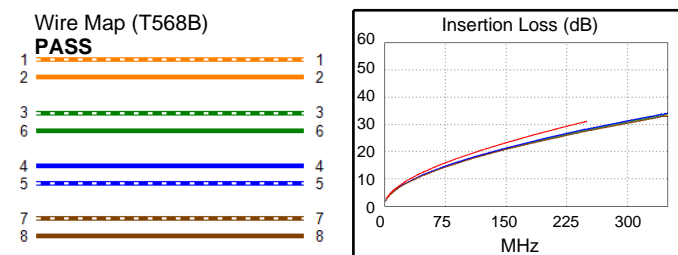
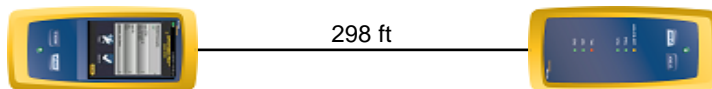
Calibration Date: 02/24/2021

Adapter: DSX-8000R (DSX-PLA804)

S/N: 21049956

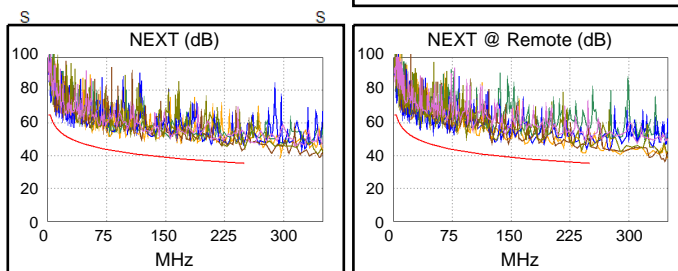
Test Summary: PASS

| | | |
|--|----------------|-------|
| Length (ft), Limit 295 | [Pair 7,8] | 298 |
| Prop. Delay (ns), Limit 498 | [Pair 4,5] | 468 |
| Delay Skew (ns), Limit 44 | [Pair 4,5] | 29 |
| Resistance (ohms), Limit 21.00 | [Pair 4,5] | 13.36 |
| Resist. Unbal. (ohms), Limit 0.380 | [Pair 7,8] | 0.054 |
| Resist. P2P Unbal. (ohms), Limit 0.460 | [Pair 4,5-7,8] | 0.150 |
| | | |
| Insertion Loss Margin (dB) | [Pair 4,5] | 2.9 |
| Frequency (MHz) | [Pair 4,5] | 250.0 |
| Limit (dB) | [Pair 4,5] | 31.1 |

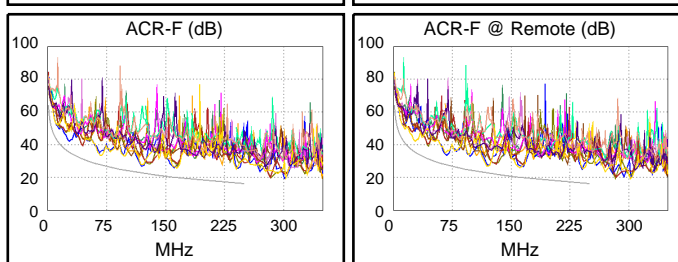


Worst Case Margin Worst Case Value

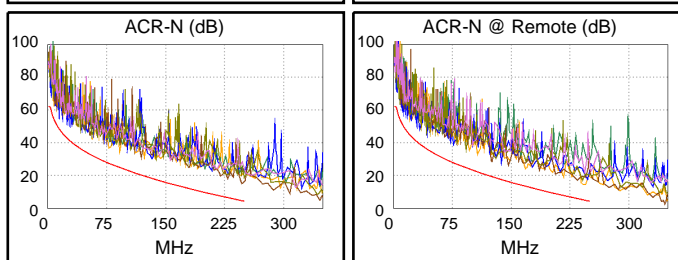
| PASS | MAIN | SR | MAIN | SR |
|---------------------|---------|---------|---------|---------|
| Worst Pair | 1,2-3,6 | 1,2-3,6 | 3,6-4,5 | 1,2-3,6 |
| NEXT (dB) | 7.4 | 6.0 | 7.4 | 6.0 |
| Freq. (MHz) | 78.8 | 241.0 | 247.5 | 241.0 |
| Limit (dB) | 43.5 | 35.6 | 35.4 | 35.6 |
| Worst Pair | 1,2 | 3,6 | 3,6 | 3,6 |
| PS NEXT (dB) | 8.1 | 5.7 | 8.2 | 5.7 |
| Freq. (MHz) | 78.8 | 240.5 | 247.0 | 240.5 |
| Limit (dB) | 41.0 | 33.0 | 32.8 | 33.0 |



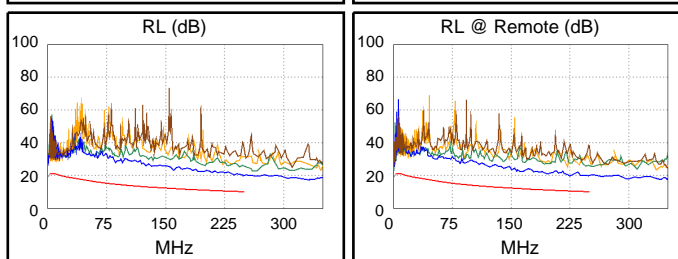
| PASS | MAIN | SR | MAIN | SR |
|----------------------|---------|---------|---------|---------|
| Worst Pair | 1,2-7,8 | 7,8-1,2 | 7,8-1,2 | 1,2-7,8 |
| ACR-F (dB) | 4.2 | 4.0 | 8.0 | 8.2 |
| Freq. (MHz) | 119.5 | 119.5 | 241.0 | 241.0 |
| Limit (dB) | 22.6 | 22.6 | 16.5 | 16.5 |
| Worst Pair | 7,8 | 1,2 | 1,2 | 7,8 |
| PS ACR-F (dB) | 7.0 | 6.4 | 10.6 | 10.8 |
| Freq. (MHz) | 120.5 | 119.5 | 241.0 | 241.0 |
| Limit (dB) | 19.6 | 19.6 | 13.5 | 13.5 |



| N/A | MAIN | SR | MAIN | SR |
|----------------------|---------|---------|---------|---------|
| Worst Pair | 1,2-3,6 | 1,2-7,8 | 3,6-4,5 | 1,2-3,6 |
| ACR-N (dB) | 9.0 | 8.3 | 10.2 | 9.5 |
| Freq. (MHz) | 79.0 | 11.6 | 247.5 | 244.0 |
| Limit (dB) | 27.2 | 50.8 | 4.5 | 4.8 |
| Worst Pair | 1,2 | 1,2 | 3,6 | 3,6 |
| PS ACR-N (dB) | 8.9 | 8.4 | 11.8 | 9.1 |
| Freq. (MHz) | 11.8 | 11.5 | 250.0 | 241.0 |
| Limit (dB) | 48.4 | 48.6 | 1.6 | 2.5 |



| PASS | MAIN | SR | MAIN | SR |
|----------------|-------|-------|-------|-------|
| Worst Pair | 4,5 | 4,5 | 4,5 | 4,5 |
| RL (dB) | 9.7 | 9.2 | 9.7 | 9.6 |
| Freq. (MHz) | 249.0 | 225.0 | 249.0 | 248.0 |
| Limit (dB) | 10.0 | 10.5 | 10.0 | 10.1 |



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 | | |



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Main: Versiv

S/N: 2044074

Software Version: V6.5 Build 5

Calibration Date: 02/24/2021

Adapter: DSX-8000 (DSX-PLA804)

S/N: 21049959

Test Summary: PASS

Remote: Versiv

S/N: 2039444

Software Version: V6.5 Build 5

Calibration Date: 02/24/2021

Adapter: DSX-8000R (DSX-PLA804)

S/N: 21049956

| | | Worst Case Margin | | Worst Case Value | |
|--------------------|-------|-------------------|---------|------------------|--|
| | MAIN | SR | MAIN | SR | |
| PASS | | | | | |
| Worst Pair | 3,6 | 3,6 | 3,6 | 3,6 | |
| TCL (dB) | 4.2 | 4.4 | 4.2 | 4.4 | |
| Freq. (MHz) | 206.0 | 207.0 | 206.0 | 207.0 | |
| Limit (dB) | 15.3 | 15.3 | 15.3 | 15.3 | |
| N/A | | | | | |
| Worst Pair | | | 1,2-3,6 | 4,5-3,6 | |
| CDNEXT (dB) | | | 18.7 | 19.3 | |
| Freq. (MHz) | | | 329.0 | 320.0 | |
| Limit (dB) | | | | | |
| N/A | | | | | |
| Worst Pair | | | 3,6 | 3,6 | |
| CMRL (dB) | | | 4.2 | 4.6 | |
| Freq. (MHz) | | | 350.0 | 303.0 | |
| Limit (dB) | | | | | |
| PASS | | | | | |
| Worst Pair | 1,2 | 1,2 | 7,8 | 7,8 | |
| ELTCTL (dB) | 17.3 | 17.0 | 21.5 | 19.3 | |
| Freq. (MHz) | 8.4 | 10.5 | 27.1 | 22.6 | |
| Limit (dB) | 11.5 | 9.6 | 1.3 | 2.9 | |

