



## Cable ID: ATZ STPCAT7.305M.GY

Date / Time: 02/08/2025 03:20:23 PM

Headroom 2.3 dB (NEXT 1,2-3,6)

Test Limit: ISO11801 PL2 Class Ea (+All)

Cable Type: Cat 7 S/FTP

NVP: 78.0%

Operator: Peter

Software Version: V5.5 Build 2

Limits Version: V6.3

Calibration Start Date:

Main (Module): 06/04/2018

Remote (Module): 06/04/2018

## Test Summary: PASS

Model: DSX-5000

Main S/N: 17350287

Remote S/N: 17350282

Main Adapter: DSX-PLA004

Remote Adapter: DSX-PLA004

|                                        |                |       |
|----------------------------------------|----------------|-------|
| Length (ft), Limit 295                 | [Pair 1,2]     | 295   |
| Prop. Delay (ns), Limit 496            | [Pair 4,5]     | 387   |
| Delay Skew (ns), Limit 43              | [Pair 4,5]     | 2     |
| Resistance (ohms), Limit 20.60         | [Pair 1,2]     | 14.14 |
| Resist. Unbal. (ohms), Limit 0.410     | [Pair 3,6]     | 0.022 |
| Resist. P2P Unbal. (ohms), Limit 0.500 | [Pair 1,2-3,6] | 0.027 |
| Insertion Loss Margin (dB)             | [Pair 1,2]     | 1.0   |
| Frequency (MHz)                        | [Pair 1,2]     | 500.0 |
| Limit (dB)                             | [Pair 1,2]     | 41.6  |

Worst Case Margin Worst Case Value

| PASS                | MAIN    | SR      | MAIN    | SR      |
|---------------------|---------|---------|---------|---------|
| Worst Pair          | 1,2-4,5 | 1,2-3,6 | 1,2-4,5 | 1,2-3,6 |
| <b>NEXT (dB)</b>    | 9.1     | 2.3     | 10.1    | 2.3     |
| Freq. (MHz)         | 410.0   | 283.0   | 479.0   | 283.0   |
| Limit (dB)          | 31.1    | 34.4    | 29.6    | 34.4    |
| Worst Pair          | 4,5     | 3,6     | 4,5     | 3,6     |
| <b>PS NEXT (dB)</b> | 8.7     | 4.5     | 10.1    | 4.5     |
| Freq. (MHz)         | 347.0   | 283.0   | 476.0   | 283.0   |
| Limit (dB)          | 30.0    | 31.8    | 26.9    | 31.8    |

| PASS                 | MAIN    | SR      | MAIN    | SR      |
|----------------------|---------|---------|---------|---------|
| Worst Pair           | 4,5-1,2 | 4,5-1,2 | 7,8-3,6 | 7,8-3,6 |
| <b>ACR-F (dB)</b>    | 14.3    | 14.3    | 14.6    | 14.9    |
| Freq. (MHz)          | 417.0   | 430.0   | 493.0   | 499.0   |
| Limit (dB)           | 12.8    | 12.6    | 11.4    | 11.3    |
| Worst Pair           | 4,5     | 7,8     | 4,5     | 4,5     |
| <b>PS ACR-F (dB)</b> | 14.6    | 14.6    | 14.6    | 15.0    |
| Freq. (MHz)          | 419.0   | 8.8     | 419.0   | 418.0   |
| Limit (dB)           | 9.8     | 43.4    | 9.8     | 9.8     |

| PASS                 | MAIN    | SR      | MAIN    | SR      |
|----------------------|---------|---------|---------|---------|
| Worst Pair           | 1,2-4,5 | 1,2-3,6 | 3,6-4,5 | 1,2-3,6 |
| <b>ACR-N (dB)</b>    | 10.5    | 3.3     | 12.6    | 10.1    |
| Freq. (MHz)          | 410.0   | 283.0   | 500.0   | 498.0   |
| Limit (dB)           | -6.2    | 3.9     | -12.4   | -12.3   |
| Worst Pair           | 4,5     | 3,6     | 4,5     | 3,6     |
| <b>PS ACR-N (dB)</b> | 10.0    | 5.6     | 12.4    | 11.3    |
| Freq. (MHz)          | 110.0   | 283.0   | 500.0   | 500.0   |
| Limit (dB)           | 20.1    | 1.2     | -15.3   | -15.3   |

| PASS           | MAIN | SR   | MAIN  | SR    |
|----------------|------|------|-------|-------|
| Worst Pair     | 4,5  | 4,5  | 4,5   | 4,5   |
| <b>RL (dB)</b> | 3.6  | 5.0  | 6.1   | 7.1   |
| Freq. (MHz)    | 3.1  | 3.1  | 447.0 | 467.0 |
| Limit (dB)     | 21.0 | 21.0 | 8.0   | 8.0   |

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 |            |



295 ft

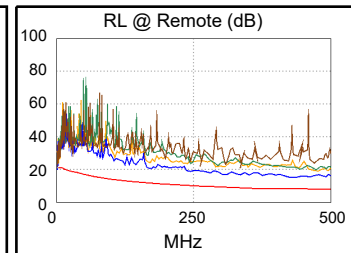
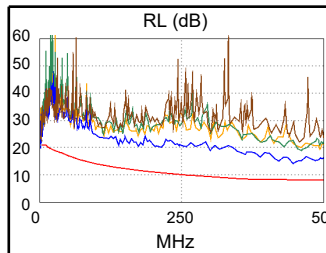
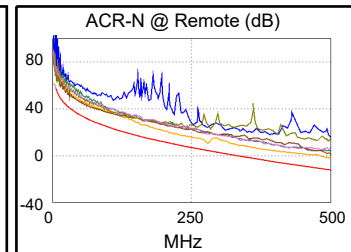
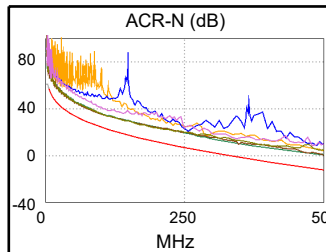
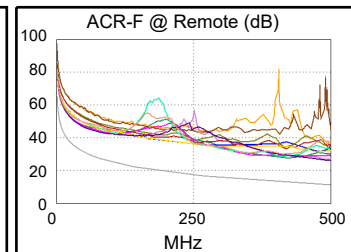
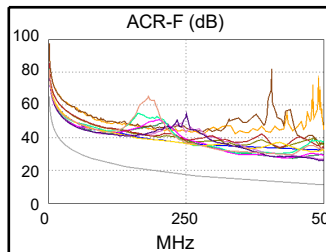
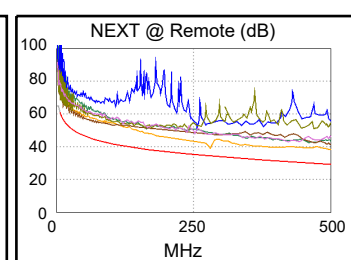
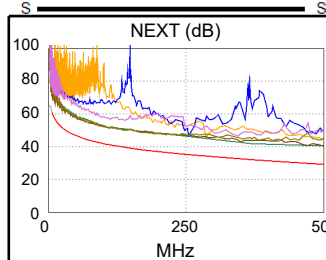
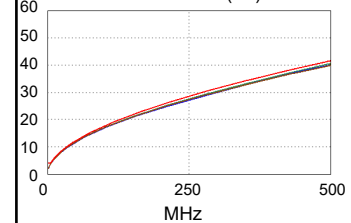


Wire Map (T568B)

**PASS**



Insertion Loss (dB)





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Calibration Start Date:

Main (Module): 06/04/2018

Remote (Module): 06/04/2018

## Test Summary: PASS

Model: DSX-5000

Main S/N: 17350287

Remote S/N: 17350282

Main Adapter: DSX-PLA004

Remote Adapter: DSX-PLA004

| Worst Case Margin |      |    | Worst Case Value |         |
|-------------------|------|----|------------------|---------|
| N/A               | MAIN | SR | MAIN             | SR      |
| Worst Pair        |      |    | 7.8              | 3.6     |
| TCL (dB)          |      |    | 22.7             | 22.3    |
| Freq. (MHz)       |      |    | 249.5            | 288.0   |
| Limit (dB)        |      |    |                  |         |
| N/A               | MAIN | SR | MAIN             | SR      |
| Worst Pair        |      |    | 1,2-3.6          | 1,2-3.6 |
| CDNEXT (dB)       |      |    | 21.0             | 21.0    |
| Freq. (MHz)       |      |    | 491.0            | 500.0   |
| Limit (dB)        |      |    |                  |         |
| N/A               | MAIN | SR | MAIN             | SR      |
| Worst Pair        |      |    | 1.2              | 3.6     |
| CMRL (dB)         |      |    | 10.9             | 10.5    |
| Freq. (MHz)       |      |    | 476.0            | 500.0   |
| Limit (dB)        |      |    |                  |         |
| N/A               | MAIN | SR | MAIN             | SR      |
| Worst Pair        |      |    | 7.8              | 7.8     |
| ELTCTL (dB)       |      |    | 12.7             | 12.7    |
| Freq. (MHz)       |      |    | 500.0            | 500.0   |
| Limit (dB)        |      |    |                  |         |

