



## Cable ID: CAT6/UTP/CU-3

Date / Time: 11/18/2021 09:29:34 AM

Headroom 4.2 dB (NEXT 1,2-7,8)

Test Limit: ISO11801 Channel Class E

Cable Type: Cat 6 U/UTP

NVP: 69.0%

Software Version: V6.5 Build 5

Limits Version: V7.5

Calibration Start Date:

Main (Module): 03/25/2021

Remote (Module): 03/25/2021

## Test Summary: PASS

Model: DSX-5000

Main S/N: 20500575

Remote S/N: 20440094

Main Adapter: DSX-CHA004

Remote Adapter: DSX-CHA004

|                                |            |       |
|--------------------------------|------------|-------|
| Length (ft), Limit 328         | [Pair 7,8] | 263   |
| Prop. Delay (ns), Limit 555    | [Pair 4,5] | 409   |
| Delay Skew (ns), Limit 50      | [Pair 4,5] | 21    |
| Resistance (ohms), Limit 25.00 | [Pair 4,5] | 11.87 |
|                                |            |       |
| Insertion Loss Margin (dB)     | [Pair 4,5] | 11.5  |
| Frequency (MHz)                | [Pair 4,5] | 250.0 |
| Limit (dB)                     | [Pair 4,5] | 35.9  |

Worst Case Margin Worst Case Value

| PASS         | MAIN    | SR      | MAIN    | SR      |
|--------------|---------|---------|---------|---------|
| Worst Pair   | 1,2-7,8 | 1,2-7,8 | 1,2-7,8 | 1,2-7,8 |
| NEXT (dB)    | 8.1     | 4.2     | 9.2     | 7.1     |
| Freq. (MHz)  | 13.4    | 141.5   | 199.0   | 220.5   |
| Limit (dB)   | 54.5    | 37.4    | 34.8    | 34.1    |
| Worst Pair   | 1,2     | 7,8     | 3,6     | 1,2     |
| PS NEXT (dB) | 7.5     | 6.7     | 11.1    | 9.1     |
| Freq. (MHz)  | 30.8    | 141.5   | 193.5   | 220.5   |
| Limit (dB)   | 45.8    | 34.5    | 32.1    | 31.1    |

| PASS          | MAIN    | SR      | MAIN    | SR      |
|---------------|---------|---------|---------|---------|
| Worst Pair    | 7,8-1,2 | 7,8-1,2 | 7,8-1,2 | 7,8-1,2 |
| ACR-F (dB)    | 5.7     | 5.7     | 5.7     | 5.7     |
| Freq. (MHz)   | 250.0   | 249.5   | 250.0   | 249.5   |
| Limit (dB)    | 15.3    | 15.3    | 15.3    | 15.3    |
| Worst Pair    | 1,2     | 1,2     | 1,2     | 1,2     |
| PS ACR-F (dB) | 8.3     | 8.3     | 8.3     | 8.3     |
| Freq. (MHz)   | 250.0   | 249.0   | 250.0   | 249.0   |
| Limit (dB)    | 12.3    | 12.3    | 12.3    | 12.3    |

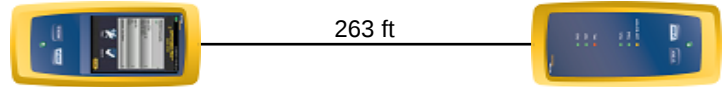
| PASS          | MAIN    | SR      | MAIN    | SR      |
|---------------|---------|---------|---------|---------|
| Worst Pair    | 3,6-7,8 | 3,6-7,8 | 1,2-3,6 | 1,2-7,8 |
| ACR-N (dB)    | 7.7     | 10.4    | 24.6    | 19.5    |
| Freq. (MHz)   | 5.3     | 5.6     | 250.0   | 220.5   |
| Limit (dB)    | 56.4    | 55.7    | -2.8    | 0.6     |
| Worst Pair    | 7,8     | 7,8     | 3,6     | 1,2     |
| PS ACR-N (dB) | 9.2     | 10.7    | 26.9    | 20.7    |
| Freq. (MHz)   | 3.8     | 3.8     | 250.0   | 220.5   |
| Limit (dB)    | 56.9    | 56.9    | -5.8    | -2.4    |

| PASS        | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 1,2   | 7,8  | 1,2   | 1,2   |
| RL (dB)     | 3.3   | 4.5  | 6.6   | 5.1   |
| Freq. (MHz) | 100.0 | 79.3 | 245.0 | 145.0 |
| Limit (dB)  | 12.0  | 13.0 | 8.1   | 10.4  |

Compliant Network Standards:

10BASE-T  
100BASE-T  
ATM-25  
100VG-AnyLan  
TR-16 Passive

100BASE-T4  
5GBASE-T  
ATM-155  
TR-16 Active



Wire Map (T568B)

PASS

