



**Cable ID: NCN-P1C6U-05CBK**

Date / Time: 10/21/2024 09:47:28 AM

Headroom 16.7 dB (NEXT 36-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 71.0%

Operator: WLQ

Software Version: V6.6 Build 2

Limits Version: V7.6

Calibration Date:

Main (Module): 06/30/2020

Remote (Module): 06/30/2020

**Test Summary: PASS**

Model: DSX-8000

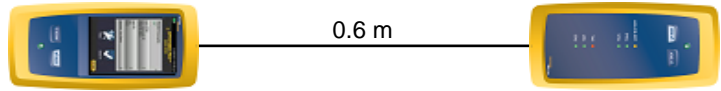
Main S/N: 1903179

Remote S/N: 1852211

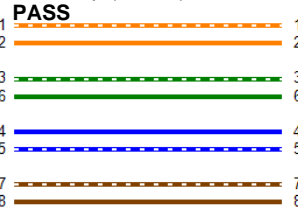
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

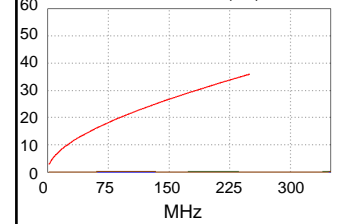
|                             |           |       |
|-----------------------------|-----------|-------|
| Length (m), Limit 100.0     | [Pair 12] | 0.6   |
| Prop. Delay (ns), Limit 555 | [Pair 36] | 3     |
| Delay Skew (ns), Limit 50   | [Pair 12] | 0     |
| Resistance (ohms)           | [Pair 12] | 0.37  |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 34.6  |
| Frequency (MHz)             | [Pair 36] | 236.0 |
| Limit (dB)                  | [Pair 36] | 34.7  |



Wire Map (T568B)

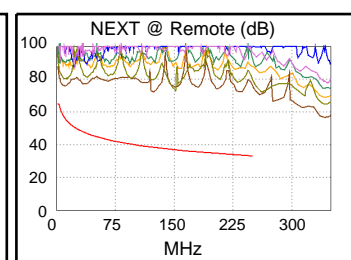
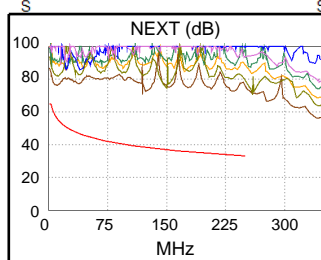


Insertion Loss (dB)

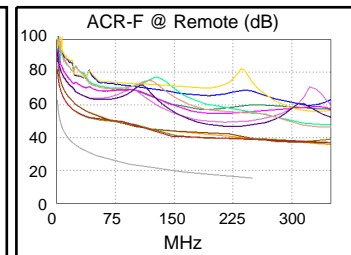
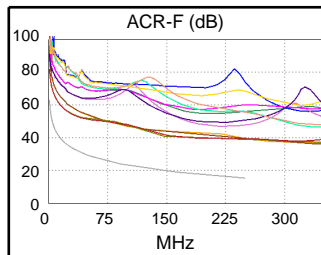


Worst Case Margin Worst Case Value

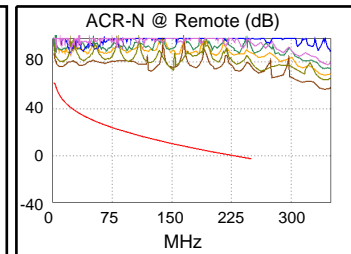
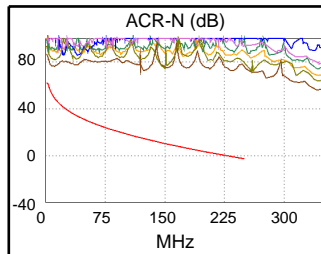
| PASS                | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 36-45 | 36-45 | 36-45 | 36-45 |
| <b>NEXT (dB)</b>    | 17.3  | 16.7  | 38.9  | 38.4  |
| Freq. (MHz)         | 5.4   | 3.6   | 236.0 | 234.5 |
| Limit (dB)          | 61.0  | 63.7  | 33.5  | 33.6  |
| Worst Pair          | 36    | 36    | 36    | 36    |
| <b>PS NEXT (dB)</b> | 18.9  | 17.9  | 41.1  | 40.3  |
| Freq. (MHz)         | 5.1   | 3.6   | 236.0 | 231.5 |
| Limit (dB)          | 58.8  | 61.2  | 30.6  | 30.7  |



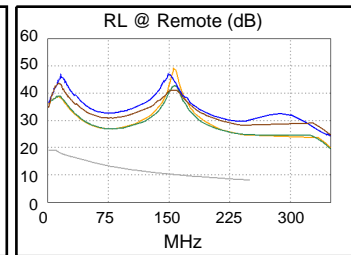
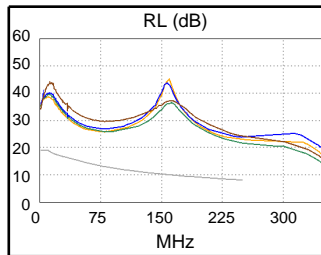
| PASS                 | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 36-45 | 45-36 | 36-45 | 45-36 |
| <b>ACR-F (dB)</b>    | 19.7  | 19.7  | 23.2  | 23.2  |
| Freq. (MHz)          | 4.6   | 4.6   | 250.0 | 250.0 |
| Limit (dB)           | 50.0  | 50.0  | 15.3  | 15.3  |
| Worst Pair           | 36    | 36    | 36    | 36    |
| <b>PS ACR-F (dB)</b> | 20.0  | 20.3  | 24.2  | 23.4  |
| Freq. (MHz)          | 1.1   | 1.0   | 250.0 | 250.0 |
| Limit (dB)           | 59.2  | 60.3  | 12.3  | 12.3  |



| N/A                  | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 36-45 | 36-45 | 36-45 | 36-45 |
| <b>ACR-N (dB)</b>    | 21.8  | 20.5  | 73.6  | 73.0  |
| Freq. (MHz)          | 5.1   | 3.6   | 236.0 | 234.5 |
| Limit (dB)           | 56.8  | 59.9  | -1.2  | -1.0  |
| Worst Pair           | 36    | 36    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 23.2  | 21.7  | 75.7  | 74.5  |
| Freq. (MHz)          | 3.4   | 3.6   | 236.0 | 231.5 |
| Limit (dB)           | 58.0  | 57.4  | -4.1  | -3.6  |



| N/A            | MAIN | SR   | MAIN  | SR    |
|----------------|------|------|-------|-------|
| Worst Pair     | 12   | 12   | 36    | 12    |
| <b>RL (dB)</b> | 12.2 | 13.2 | 13.6  | 16.6  |
| Freq. (MHz)    | 67.5 | 63.8 | 250.0 | 250.0 |
| Limit (dB)     | 13.7 | 14.0 | 8.0   | 8.0   |



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 |            |              |