



Cable ID: NCN-P1C6U-025CBK

Date / Time: 10/21/2024 09:38:44 AM

Headroom 17.4 dB (NEXT 36-45)

Test Limit: TIA Cat 6 Channel

Cable Type: Cat 6 U/UTP

NVP: 69.0%

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

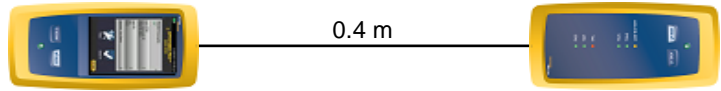
Main S/N: 1903179

Remote S/N: 1852211

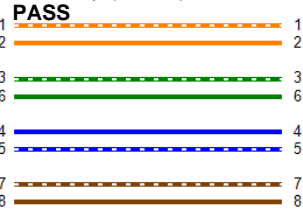
Main Adapter: DSX-CHA804

Remote Adapter: DSX-CHA804

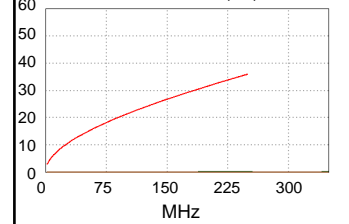
| | | |
|-----------------------------|-----------|-------|
| Length (m), Limit 100.0 | [Pair 45] | 0.4 |
| Prop. Delay (ns), Limit 555 | [Pair 12] | 3 |
| Delay Skew (ns), Limit 50 | [Pair 12] | 1 |
| Resistance (ohms) | [Pair 12] | 0.18 |
| | | |
| Insertion Loss Margin (dB) | [Pair 36] | 35.8 |
| Frequency (MHz) | [Pair 36] | 250.0 |
| Limit (dB) | [Pair 36] | 35.9 |



Wire Map (T568B)

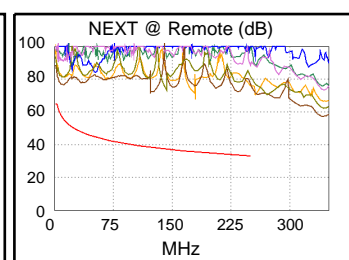
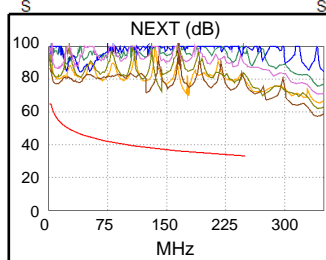


Insertion Loss (dB)

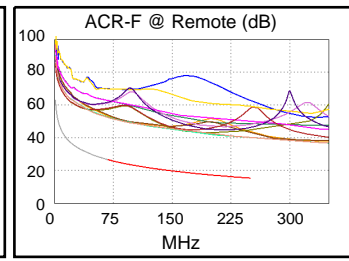
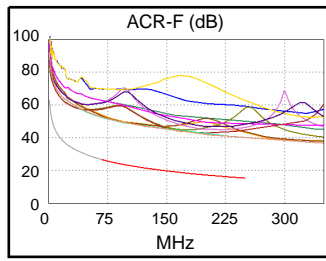


Worst Case Margin Worst Case Value

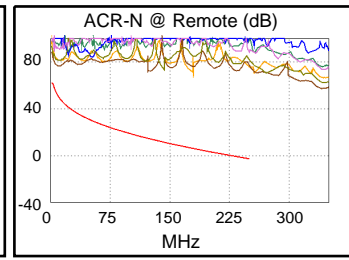
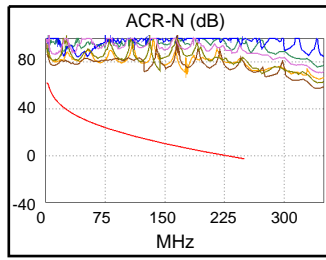
| PASS | MAIN | SR | MAIN | SR |
|---------------------|-------|-------|-------|-------|
| Worst Pair | 36-45 | 36-45 | 12-36 | 12-36 |
| NEXT (dB) | 17.8 | 17.4 | 34.6 | 35.6 |
| Freq. (MHz) | 5.1 | 5.0 | 178.5 | 179.5 |
| Limit (dB) | 61.3 | 61.5 | 35.6 | 35.6 |
| Worst Pair | 36 | 36 | 36 | 36 |
| PS NEXT (dB) | 18.3 | 18.1 | 36.2 | 37.1 |
| Freq. (MHz) | 5.6 | 5.0 | 178.5 | 179.5 |
| Limit (dB) | 58.1 | 59.0 | 32.7 | 32.7 |



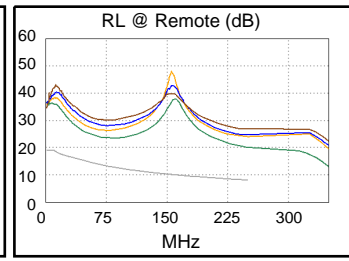
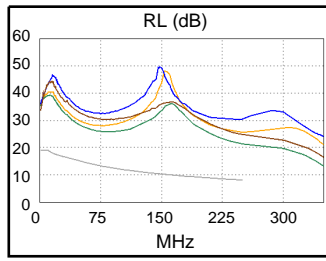
| PASS | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| Worst Pair | 45-78 | 45-78 | 45-78 | 78-45 |
| ACR-F (dB) | 24.4 | 24.4 | 24.4 | 24.4 |
| Freq. (MHz) | 250.0 | 248.5 | 250.0 | 250.0 |
| Limit (dB) | 15.3 | 15.4 | 15.3 | 15.3 |
| Worst Pair | 36 | 36 | 78 | 45 |
| PS ACR-F (dB) | 22.7 | 22.8 | 26.5 | 25.8 |
| Freq. (MHz) | 1.1 | 1.0 | 249.5 | 250.0 |
| Limit (dB) | 59.2 | 60.3 | 12.3 | 12.3 |



| N/A | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| Worst Pair | 36-45 | 36-45 | 12-36 | 12-36 |
| ACR-N (dB) | 22.3 | 21.2 | 64.1 | 65.2 |
| Freq. (MHz) | 5.1 | 3.3 | 178.5 | 179.5 |
| Limit (dB) | 56.8 | 60.9 | 6.1 | 6.0 |
| Worst Pair | 36 | 36 | 36 | 36 |
| PS ACR-N (dB) | 22.7 | 21.8 | 65.7 | 66.7 |
| Freq. (MHz) | 3.8 | 3.4 | 178.5 | 179.5 |
| Limit (dB) | 57.1 | 58.0 | 3.2 | 3.1 |



| N/A | MAIN | SR | MAIN | SR |
|----------------|------|------|-------|-------|
| Worst Pair | 36 | 36 | 36 | 36 |
| RL (dB) | 12.5 | 10.0 | 13.3 | 12.1 |
| Freq. (MHz) | 71.5 | 65.3 | 250.0 | 250.0 |
| Limit (dB) | 13.5 | 13.9 | 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 | | |