



Cable ID: UTP-0.51.CCA

Date / Time: 08/03/2023 03:19:05 PM

Headroom 1.7 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5 UTP

NVP: 69.0%

Operator: HYP

Software Version: 2.7400

Limits Version: 1.9300

Calibration Date:

Main (Tester): 08/27/2014

Remote (Tester): 08/27/2014

Test Summary: PASS

Model: DTX-1800

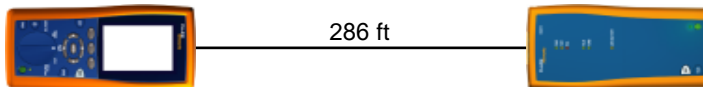
Main S/N: 2800045

Remote S/N: 2800046

Main Adapter: DTX-CHA002

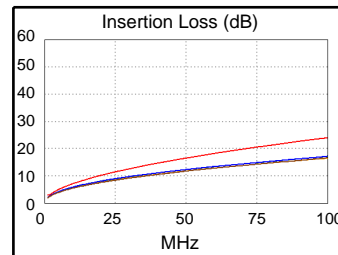
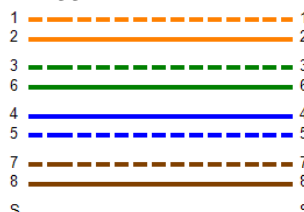
Remote Adapter: DTX-CHA002

| | | |
|-----------------------------|-----------|-------|
| Length (ft), Limit 328 | [Pair 78] | 286 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 422 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 13 |
| Resistance (ohms) | [Pair 36] | 25.2 |
| | | |
| Insertion Loss Margin (dB) | [Pair 36] | 6.8 |
| Frequency (MHz) | [Pair 36] | 100.0 |
| Limit (dB) | [Pair 36] | 24.0 |



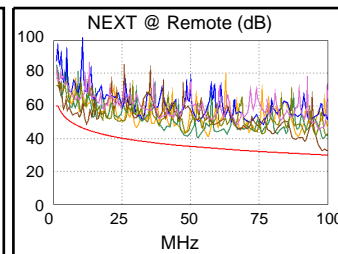
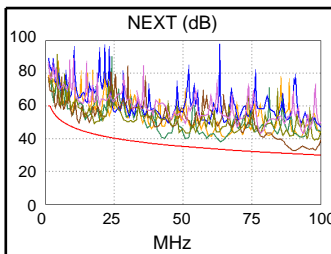
Wire Map (T568B)

PASS

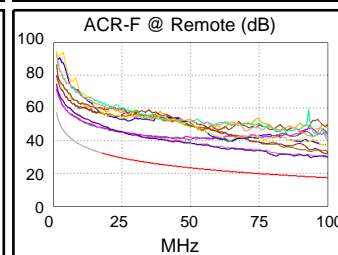
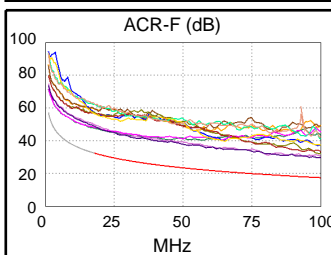


Worst Case Margin Worst Case Value

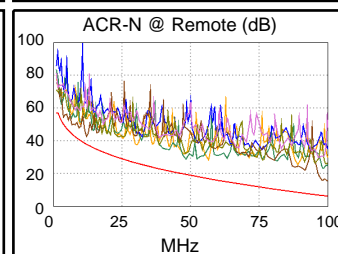
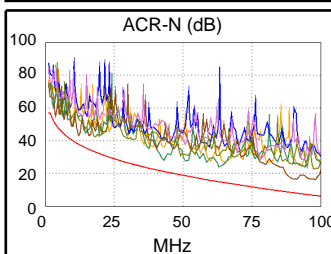
| PASS | MAIN | SR | MAIN | SR |
|---------------------|-------|-------|-------|-------|
| Worst Pair | 36-45 | 36-45 | 36-45 | 36-45 |
| NEXT (dB) | 1.7 | 2.6 | 1.7 | 2.6 |
| Freq. (MHz) | 90.0 | 98.0 | 90.3 | 100.0 |
| Limit (dB) | 30.9 | 30.2 | 30.8 | 30.1 |
| Worst Pair | 36 | 45 | 36 | 45 |
| PS NEXT (dB) | 4.0 | 4.8 | 4.0 | 4.8 |
| Freq. (MHz) | 90.0 | 98.0 | 90.0 | 98.0 |
| Limit (dB) | 27.9 | 27.2 | 27.9 | 27.2 |



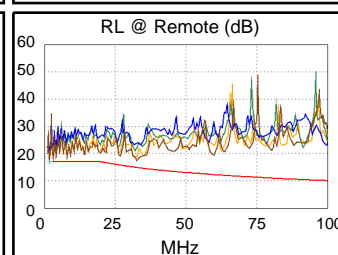
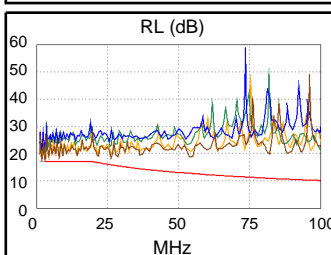
| PASS | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| Worst Pair | 36-78 | 78-36 | 78-36 | 78-36 |
| ACR-F (dB) | 11.8 | 11.4 | 12.1 | 11.7 |
| Freq. (MHz) | 80.8 | 80.8 | 98.5 | 93.8 |
| Limit (dB) | 19.3 | 19.3 | 17.5 | 18.0 |
| Worst Pair | 36 | 36 | 36 | 36 |
| PS ACR-F (dB) | 13.5 | 13.8 | 13.8 | 14.0 |
| Freq. (MHz) | 91.3 | 93.8 | 100.0 | 99.5 |
| Limit (dB) | 15.2 | 15.0 | 14.4 | 14.4 |



| N/A | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| Worst Pair | 36-45 | 36-45 | 36-45 | 36-45 |
| ACR-N (dB) | 5.1 | 4.3 | 9.6 | 9.4 |
| Freq. (MHz) | 3.6 | 3.8 | 98.0 | 100.0 |
| Limit (dB) | 50.0 | 49.7 | 6.5 | 6.1 |
| Worst Pair | 36 | 36 | 36 | 36 |
| PS ACR-N (dB) | 7.7 | 7.0 | 11.8 | 11.9 |
| Freq. (MHz) | 3.6 | 3.6 | 97.8 | 100.0 |
| Limit (dB) | 47.0 | 47.0 | 3.5 | 3.1 |



| PASS | MAIN | SR | MAIN | SR |
|----------------|------|------|------|------|
| Worst Pair | 78 | 78 | 78 | 78 |
| RL (dB) | 0.6* | 1.4* | 0.6 | 2.5 |
| Freq. (MHz) | 2.9 | 3.0 | 2.9 | 32.5 |
| Limit (dB) | 17.0 | 17.0 | 17.0 | 14.9 |



Compliant Network Standards:

| | | |
|--------------|---------------|------------|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | ATM-25 | ATM-51 |
| ATM-155 | 100VG-AnyLan | TR-4 |
| TR-16 Active | TR-16 Passive | |

* Measurement is within the accuracy limits of the instrument.