



Cable ID: UPC-5004E-SOL/100

Date / Time: 12/02/2014 09:30:25 AM

Headroom 8.6 dB (NEXT 12-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e UTP

Calibration Date: 06/04/2013

Operator: Your Name

Software Version: 2.7400

Limits Version: 1.9300

NVP: 69.0%

Test Summary: PASS

Model: DTX-1800

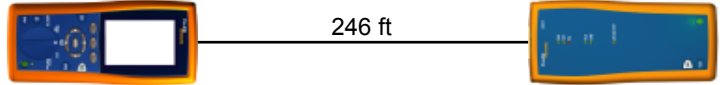
Main S/N: 2433075

Remote S/N: 2433076

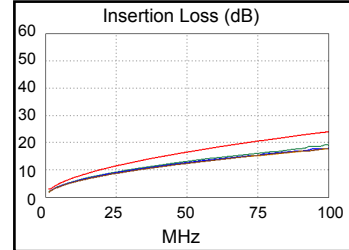
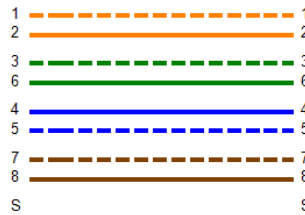
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

| | | |
|-----------------------------|-----------|------|
| Length (ft), Limit 328 | [Pair 78] | 246 |
| Prop. Delay (ns), Limit 555 | [Pair 36] | 375 |
| Delay Skew (ns), Limit 50 | [Pair 36] | 13 |
| Resistance (ohms) | [Pair 36] | 22.3 |
| | | |
| Insertion Loss Margin (dB) | [Pair 36] | 4.9 |
| Frequency (MHz) | [Pair 36] | 99.8 |
| Limit (dB) | [Pair 36] | 24.0 |

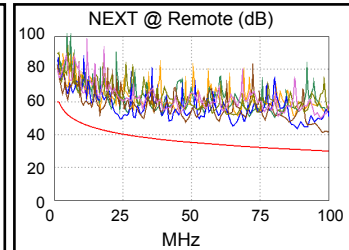
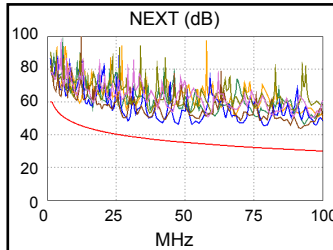


Wire Map (T568B)
PASS

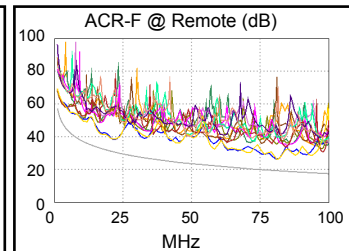
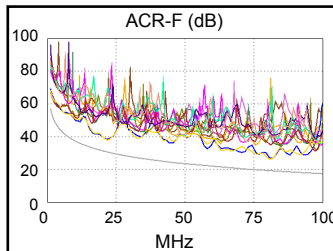


Worst Case Margin Worst Case Value

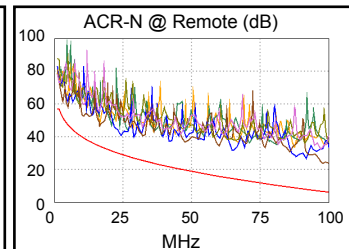
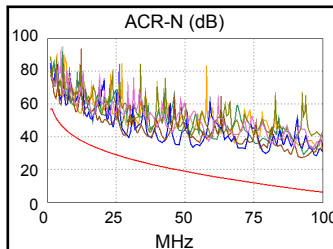
| PASS | MAIN | SR | MAIN | SR |
|---------------------|-------|-------|-------|-------|
| Worst Pair | 12-78 | 12-78 | 36-45 | 36-45 |
| NEXT (dB) | 9.3 | 8.6 | 13.0 | 11.3 |
| Freq. (MHz) | 29.1 | 24.1 | 91.8 | 97.8 |
| Limit (dB) | 39.2 | 40.6 | 30.7 | 30.2 |
| Worst Pair | 12 | 36 | 45 | 45 |
| PS NEXT (dB) | 11.5 | 10.2 | 15.2 | 13.7 |
| Freq. (MHz) | 29.0 | 16.5 | 93.3 | 97.5 |
| Limit (dB) | 36.3 | 40.4 | 27.6 | 27.3 |



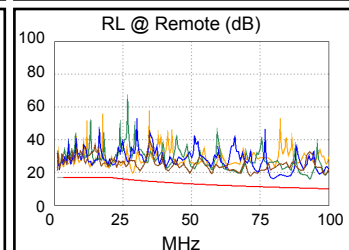
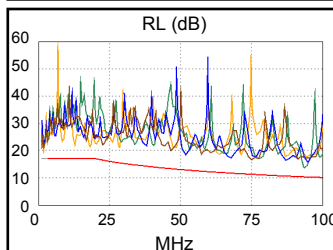
| PASS | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| Worst Pair | 78-12 | 12-78 | 78-12 | 78-12 |
| ACR-F (dB) | 6.9 | 7.0 | 6.9 | 7.0 |
| Freq. (MHz) | 80.5 | 80.5 | 80.5 | 81.0 |
| Limit (dB) | 19.3 | 19.3 | 19.3 | 19.2 |
| Worst Pair | 12 | 78 | 12 | 78 |
| PS ACR-F (dB) | 9.8 | 9.6 | 9.8 | 9.6 |
| Freq. (MHz) | 80.8 | 80.8 | 80.8 | 80.8 |
| Limit (dB) | 16.3 | 16.3 | 16.3 | 16.3 |



| N/A | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| Worst Pair | 36-45 | 36-45 | 36-45 | 36-45 |
| ACR-N (dB) | 10.6 | 9.8 | 18.8 | 17.3 |
| Freq. (MHz) | 2.8 | 3.0 | 91.8 | 97.8 |
| Limit (dB) | 52.5 | 51.7 | 7.8 | 6.5 |
| Worst Pair | 36 | 36 | 36 | 36 |
| PS ACR-N (dB) | 12.6 | 11.9 | 20.3 | 19.1 |
| Freq. (MHz) | 2.8 | 16.5 | 91.8 | 99.5 |
| Limit (dB) | 49.5 | 31.2 | 4.8 | 3.2 |



| PASS | MAIN | SR | MAIN | SR |
|----------------|------|------|------|------|
| Worst Pair | 36 | 12 | 36 | 36 |
| RL (dB) | 3.3 | 4.1 | 3.3 | 5.6 |
| Freq. (MHz) | 93.5 | 28.5 | 93.5 | 93.0 |
| Limit (dB) | 10.3 | 15.5 | 10.3 | 10.3 |



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