



Cable ID: P-9

Test Summary: PASS

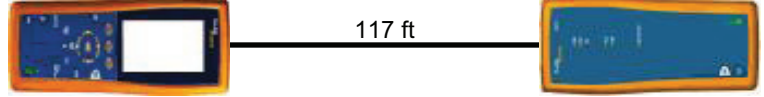
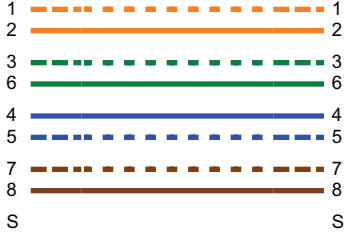
Date / Time: 12/03/2010 10:10:45am
Headroom: 6.0 dB (NEXT 36-45)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP

Operator: EMERY COMMUNICATIONS INC.
 Software Version: 2.2200
 Limits Version: 1.3700
 NVP: 69.0%

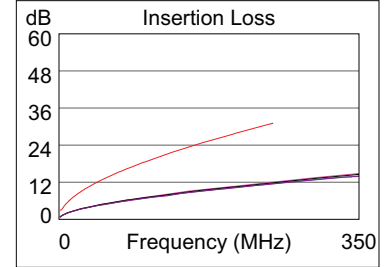
Model: DTX-1800
 Main S/N: 9954117
 Remote S/N: 9954118
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

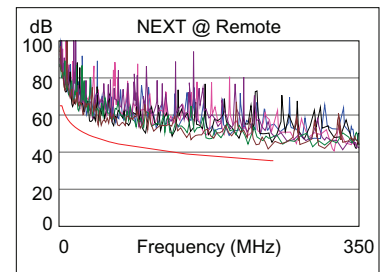
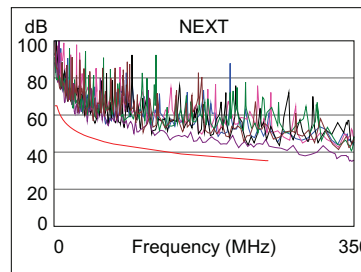
PASS



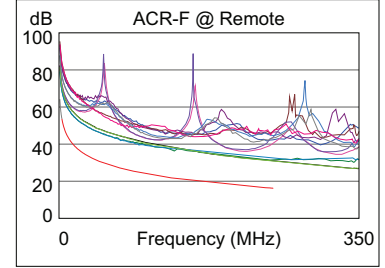
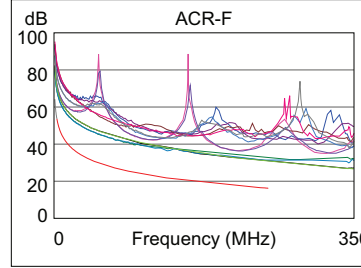
| | | |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295 | [Pair 45] | 117 |
| Prop. Delay (ns), Limit 498 | | 183 |
| Delay Skew (ns), Limit 44 | | 10 |
| Resistance (ohms) | [Pair 36] | 5.5 |
| Insertion Loss Margin (dB) | [Pair 36] | 19.1 |
| Frequency (MHz) | [Pair 36] | 250.0 |
| Limit (dB) | [Pair 36] | 31.1 |



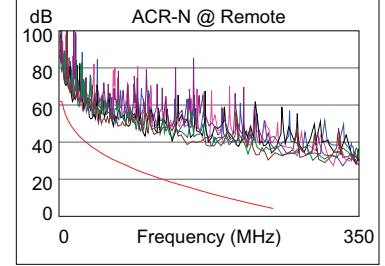
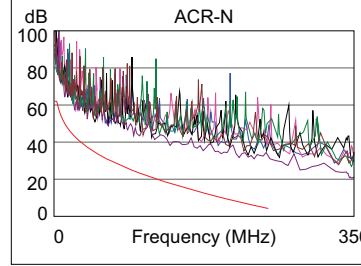
| | Worst Case Margin | | Worst Case Value | |
|---------------------|-------------------|-------|------------------|-------|
| | MAIN | SR | MAIN | SR |
| PASS | | | | |
| Worst Pair | 36-45 | 45-78 | 36-45 | 45-78 |
| NEXT (dB) | 6.0 | 6.2 | 6.3 | 6.2 |
| Freq. (MHz) | 200.5 | 244.0 | 234.5 | 244.0 |
| Limit (dB) | 36.9 | 35.5 | 35.8 | 35.5 |
| Worst Pair | 45 | 78 | 36 | 78 |
| PS NEXT (dB) | 7.4 | 7.5 | 7.7 | 7.5 |
| Freq. (MHz) | 200.5 | 46.0 | 234.5 | 244.0 |
| Limit (dB) | 34.3 | 44.8 | 33.2 | 32.9 |



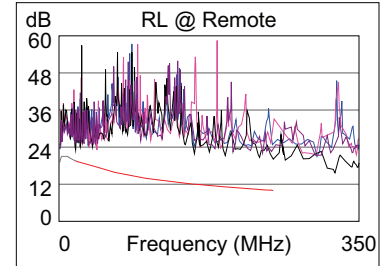
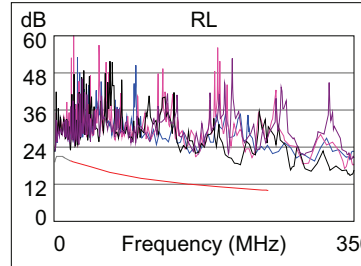
| | Worst Case Margin | | Worst Case Value | |
|----------------------|-------------------|-------|------------------|-------|
| | MAIN | SR | MAIN | SR |
| PASS | | | | |
| Worst Pair | 78-12 | 78-12 | 78-12 | 12-78 |
| ACR-F (dB) | 14.3 | 14.3 | 14.3 | 14.4 |
| Freq. (MHz) | 248.5 | 229.5 | 248.5 | 248.0 |
| Limit (dB) | 16.3 | 17.0 | 16.3 | 16.3 |
| Worst Pair | 45 | 45 | 12 | 12 |
| PS ACR-F (dB) | 15.9 | 15.7 | 16.5 | 16.3 |
| Freq. (MHz) | 100.0 | 112.5 | 242.0 | 229.5 |
| Limit (dB) | 21.2 | 20.2 | 13.5 | 14.0 |



| | Worst Case Margin | | Worst Case Value | |
|----------------------|-------------------|-------|------------------|-------|
| | MAIN | SR | MAIN | SR |
| N/A | | | | |
| Worst Pair | 36-45 | 12-78 | 36-45 | 45-78 |
| ACR-N (dB) | 13.9 | 13.8 | 24.9 | 25.6 |
| Freq. (MHz) | 12.5 | 36.5 | 234.5 | 244.0 |
| Limit (dB) | 50.1 | 38.1 | 5.8 | 4.8 |
| Worst Pair | 45 | 78 | 36 | 78 |
| PS ACR-N (dB) | 15.0 | 13.9 | 26.1 | 26.9 |
| Freq. (MHz) | 12.8 | 16.1 | 234.5 | 244.0 |
| Limit (dB) | 47.5 | 45.1 | 3.2 | 2.2 |



| | Worst Case Margin | | Worst Case Value | |
|----------------|-------------------|------|------------------|-------|
| | MAIN | SR | MAIN | SR |
| PASS | | | | |
| Worst Pair | 45 | 45 | 45 | 45 |
| RL (dB) | 3.8 | 3.5 | 7.6 | 9.1 |
| Freq. (MHz) | 19.4 | 19.4 | 211.5 | 248.5 |
| Limit (dB) | 19.6 | 19.6 | 10.7 | 10.0 |



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