



**Cable ID: Cat6 CMR Rated**

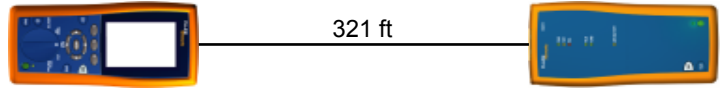
Date / Time: 04/18/2013 04:23:57 PM  
 Headroom 4.3 dB (NEXT 12-36)  
 Test Limit: TIA Cat 6 Channel  
 Cable Type: Cat 6 UTP

Operator: JTM  
 Software Version: 2.5200  
 Limits Version: 1.7000  
 NVP: 69.0%

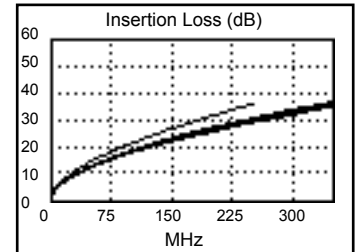
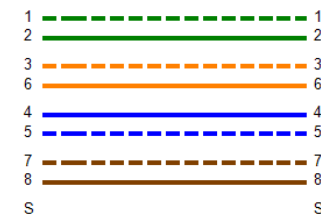
**Test Summary: PASS**

Model: DTX-1800  
 Main S/N: 1978619  
 Remote S/N: 1978620  
 Main Adapter: DTX-CHA002  
 Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 328      | [Pair 78] | 321   |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 488   |
| Delay Skew (ns), Limit 50   | [Pair 45] | 15    |
| Resistance (ohms)           | [Pair 45] | 14.4  |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 45] | 5.5   |
| Frequency (MHz)             | [Pair 45] | 250.0 |
| Limit (dB)                  | [Pair 45] | 35.9  |

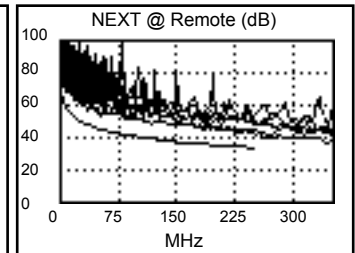
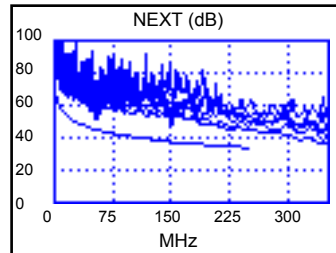


Wire Map (T568A)  
**PASS**

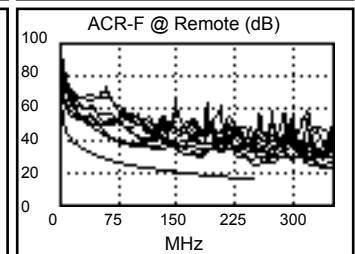
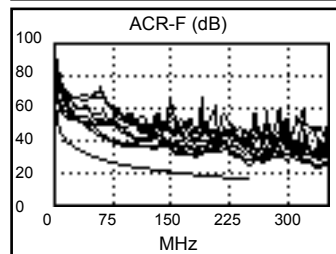


Worst Case Margin Worst Case Value

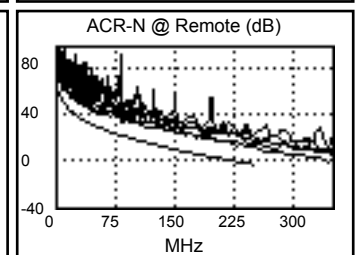
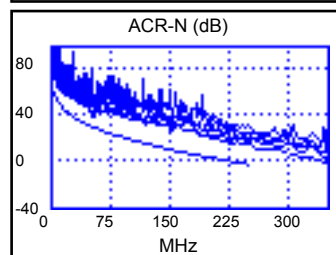
| PASS                | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 12-36 | 36-45 | 36-45 | 36-45 |
| <b>NEXT (dB)</b>    | 4.3   | 7.3   | 10.1  | 7.3   |
| Freq. (MHz)         | 53.5  | 249.5 | 243.5 | 249.5 |
| Limit (dB)          | 44.5  | 33.1  | 33.3  | 33.1  |
| Worst Pair          | 12    | 45    | 45    | 45    |
| <b>PS NEXT (dB)</b> | 6.8   | 8.1   | 10.4  | 8.1   |
| Freq. (MHz)         | 53.3  | 250.0 | 226.5 | 250.0 |
| Limit (dB)          | 41.8  | 30.2  | 30.9  | 30.2  |



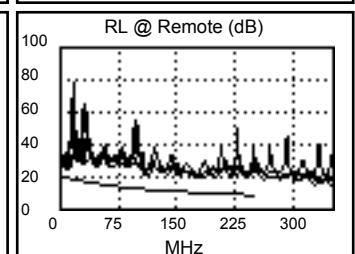
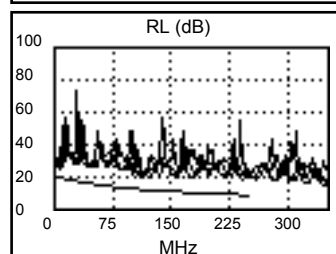
| PASS                 | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-36 | 36-45 | 45-36 | 36-45 |
| <b>ACR-F (dB)</b>    | 9.3   | 8.4   | 9.3   | 8.4   |
| Freq. (MHz)          | 250.0 | 250.0 | 250.0 | 250.0 |
| Limit (dB)           | 15.3  | 15.3  | 15.3  | 15.3  |
| Worst Pair           | 36    | 45    | 36    | 45    |
| <b>PS ACR-F (dB)</b> | 11.5  | 11.8  | 11.5  | 11.8  |
| Freq. (MHz)          | 250.0 | 250.0 | 250.0 | 250.0 |
| Limit (dB)           | 12.3  | 12.3  | 12.3  | 12.3  |



| N/A                  | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-36 | 12-36 | 36-45 | 36-45 |
| <b>ACR-N (dB)</b>    | 6.5   | 9.6   | 15.5  | 12.9  |
| Freq. (MHz)          | 53.5  | 8.6   | 243.5 | 249.5 |
| Limit (dB)           | 29.4  | 51.7  | -2.1  | -2.8  |
| Worst Pair           | 12    | 12    | 45    | 45    |
| <b>PS ACR-N (dB)</b> | 8.8   | 11.0  | 15.8  | 13.7  |
| Freq. (MHz)          | 53.3  | 43.3  | 230.5 | 250.0 |
| Limit (dB)           | 26.7  | 29.8  | -3.5  | -5.8  |



| PASS           | MAIN | SR   | MAIN  | SR    |
|----------------|------|------|-------|-------|
| Worst Pair     | 36   | 36   | 45    | 78    |
| <b>RL (dB)</b> | 5.7  | 4.5  | 9.7   | 9.3   |
| Freq. (MHz)    | 7.5  | 7.5  | 241.5 | 184.5 |
| Limit (dB)     | 19.0 | 19.0 | 8.2   | 9.3   |



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

LinkWare Version 7.4

