



**Cable ID: CAT5E-UTP-12FT**

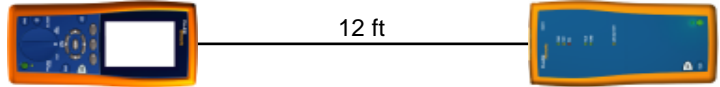
Date / Time: 10/13/2018 11:25:45 AM  
**Headroom 24.2 dB (NEXT 12-78)**  
**Test Limit: TIA Cat 5e Channel**  
 Cable Type: Cat 5e U/UTP  
 NVP: 69.0%

Operator: KARIM  
 Software Version: 2.7800  
 Limits Version: 1.9500  
 Calibration Date:  
 Main (Tester): 11/01/2016  
 Remote (Tester): 11/01/2016

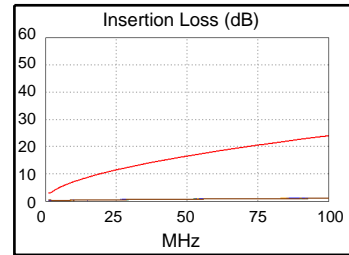
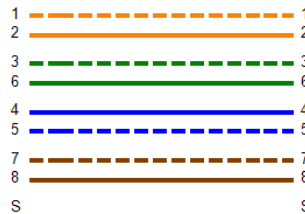
**Test Summary: PASS**

Model: DTX-1800  
 Main S/N: 3178039  
 Remote S/N: 3178046  
 Main Adapter: DTX-CHA002  
 Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 328      | [Pair 12] | 12    |
| Prop. Delay (ns), Limit 555 | [Pair 12] | 18    |
| Delay Skew (ns), Limit 50   | [Pair 12] | 0     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 23.0  |
| Frequency (MHz)             | [Pair 12] | 100.0 |
| Limit (dB)                  | [Pair 12] | 24.0  |

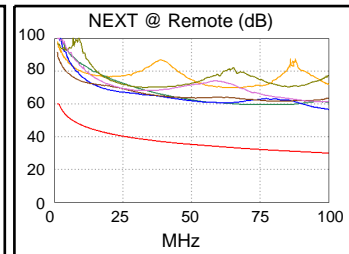
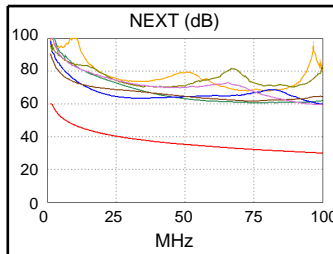


Wire Map (T568B)  
**PASS**

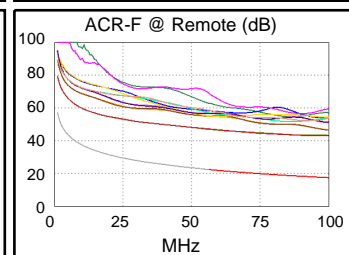
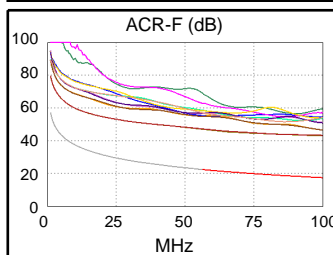


Worst Case Margin Worst Case Value

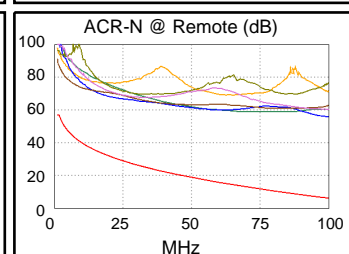
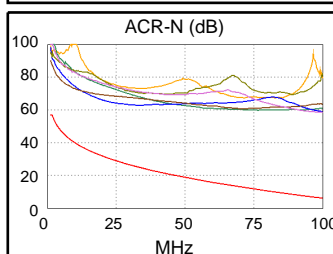
| PASS                | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 12-78 | 36-45 | 45-78 | 12-78 |
| <b>NEXT (dB)</b>    | 24.2  | 26.5  | 29.5  | 26.6  |
| Freq. (MHz)         | 23.0  | 6.3   | 97.8  | 100.0 |
| Limit (dB)          | 41.0  | 50.4  | 30.2  | 30.1  |
| Worst Pair          | 12    | 12    | 45    | 12    |
| <b>PS NEXT (dB)</b> | 26.3  | 26.5  | 29.1  | 28.2  |
| Freq. (MHz)         | 24.3  | 53.3  | 95.0  | 100.0 |
| Limit (dB)          | 37.6  | 31.8  | 27.5  | 27.1  |



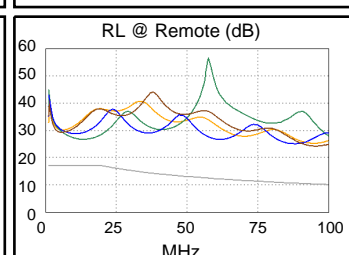
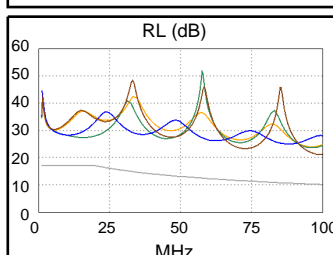
| PASS                 | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 36-45 | 36-45 | 36-45 | 45-36 |
| <b>ACR-F (dB)</b>    | 22.3  | 22.3  | 25.5  | 25.5  |
| Freq. (MHz)          | 3.6   | 3.3   | 99.0  | 99.0  |
| Limit (dB)           | 46.2  | 47.2  | 17.5  | 17.5  |
| Worst Pair           | 36    | 36    | 36    | 36    |
| <b>PS ACR-F (dB)</b> | 24.3  | 24.4  | 26.7  | 26.6  |
| Freq. (MHz)          | 1.1   | 1.0   | 99.5  | 100.0 |
| Limit (dB)           | 53.4  | 54.4  | 14.4  | 14.4  |



| N/A                  | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 36-45 | 36-45 | 45-78 | 12-78 |
| <b>ACR-N (dB)</b>    | 30.0  | 30.1  | 52.6  | 49.7  |
| Freq. (MHz)          | 2.0   | 2.1   | 99.8  | 99.8  |
| Limit (dB)           | 55.3  | 54.8  | 6.1   | 6.1   |
| Worst Pair           | 36    | 36    | 45    | 12    |
| <b>PS ACR-N (dB)</b> | 32.0  | 31.9  | 51.6  | 51.2  |
| Freq. (MHz)          | 1.6   | 2.1   | 95.0  | 100.0 |
| Limit (dB)           | 53.9  | 51.8  | 4.1   | 3.1   |



| N/A            | MAIN | SR   | MAIN | SR   |
|----------------|------|------|------|------|
| Worst Pair     | 36   | 36   | 78   | 78   |
| <b>RL (dB)</b> | 10.4 | 9.7  | 11.0 | 14.0 |
| Freq. (MHz)    | 14.1 | 12.5 | 98.5 | 94.8 |
| Limit (dB)     | 17.0 | 17.0 | 10.1 | 10.2 |



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