



**Cable ID: CAT7-SFTP-3FT**

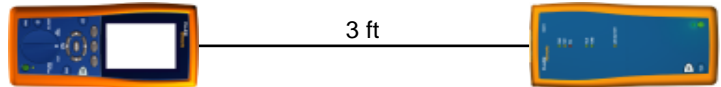
Date / Time: 10/31/2018 04:41:15 PM  
**Headroom 18.1 dB (NEXT 36-45)**  
**Test Limit: TIA Cat 7 Channel**  
 Cable Type: Cat 7 S/FTP  
 NVP: 74.0%

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

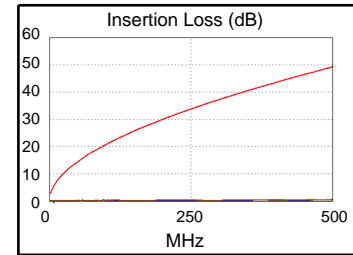
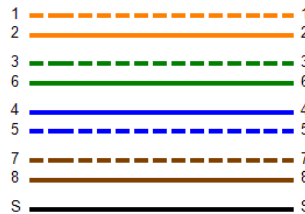
**Test Summary: PASS**

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] | 3     |
| Prop. Delay (ns), Limit 555 | [Pair 12] | 4     |
| Delay Skew (ns), Limit 50   | [Pair 12] | 0     |
| Resistance (ohms)           | [Pair 78] | 0.4   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 47.1  |
| Frequency (MHz)             | [Pair 12] | 468.0 |
| Limit (dB)                  | [Pair 12] | 47.6  |

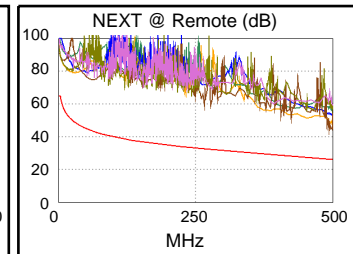
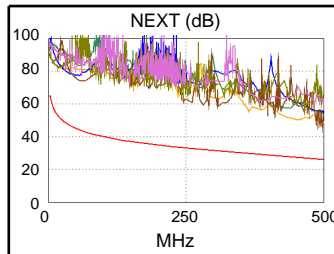


Wire Map (T568B)  
**PASS**

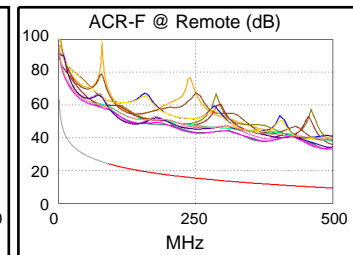
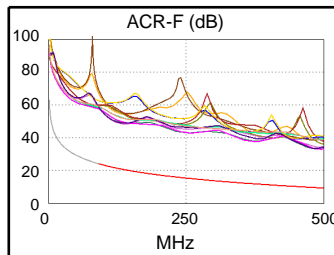


Worst Case Margin Worst Case Value

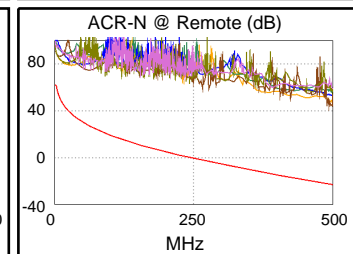
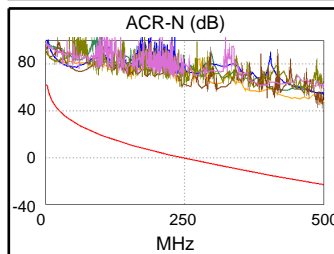
| PASS                | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 36-45 | 36-45 | 36-45 | 36-45 |
| <b>NEXT (dB)</b>    | 19.7  | 18.1  | 19.7  | 18.1  |
| Freq. (MHz)         | 497.0 | 493.0 | 497.0 | 493.0 |
| Limit (dB)          | 26.2  | 26.3  | 26.2  | 26.3  |
| Worst Pair          | 36    | 36    | 36    | 36    |
| <b>PS NEXT (dB)</b> | 20.9  | 19.4  | 20.9  | 19.4  |
| Freq. (MHz)         | 497.0 | 493.0 | 497.0 | 493.0 |
| Limit (dB)          | 23.3  | 23.4  | 23.3  | 23.4  |



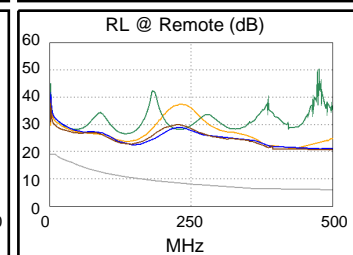
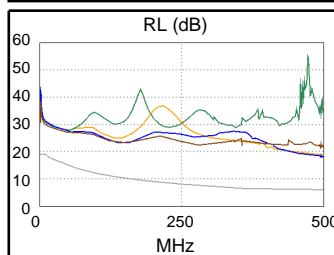
| PASS                 | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-12 | 12-45 | 45-12 | 12-45 |
| <b>ACR-F (dB)</b>    | 23.5  | 23.6  | 23.5  | 23.6  |
| Freq. (MHz)          | 494.0 | 488.0 | 494.0 | 492.0 |
| Limit (dB)           | 9.4   | 9.5   | 9.4   | 9.4   |
| Worst Pair           | 45    | 45    | 45    | 45    |
| <b>PS ACR-F (dB)</b> | 24.3  | 24.8  | 24.3  | 24.8  |
| Freq. (MHz)          | 493.0 | 492.0 | 493.0 | 496.0 |
| Limit (dB)           | 6.4   | 6.4   | 6.4   | 6.3   |



| N/A                  | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 36-45 | 36-45 | 36-45 | 36-45 |
| <b>ACR-N (dB)</b>    | 26.8  | 27.6  | 68.6  | 66.8  |
| Freq. (MHz)          | 3.0   | 2.1   | 497.0 | 493.0 |
| Limit (dB)           | 61.4  | 61.9  | -23.0 | -22.7 |
| Worst Pair           | 36    | 36    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 26.1  | 26.3  | 69.5  | 67.9  |
| Freq. (MHz)          | 3.0   | 2.9   | 497.0 | 493.0 |
| Limit (dB)           | 58.4  | 58.4  | -25.8 | -25.5 |



| N/A            | MAIN | SR   | MAIN  | SR    |
|----------------|------|------|-------|-------|
| Worst Pair     | 78   | 12   | 45    | 78    |
| <b>RL (dB)</b> | 11.0 | 10.4 | 12.0  | 14.2  |
| Freq. (MHz)    | 9.9  | 1.0  | 494.0 | 478.0 |
| Limit (dB)     | 19.0 | 19.0 | 6.0   | 6.0   |



Compliant Network Standards:

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