



Cable ID: CAT7-SFTP-16FT

Date / Time: 10/31/2018 04:50:20 PM

Headroom 16.9 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

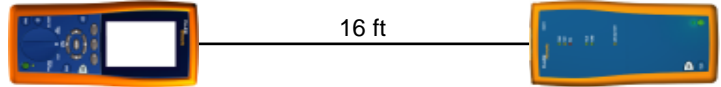
Main S/N: 3178039

Remote S/N: 3178046

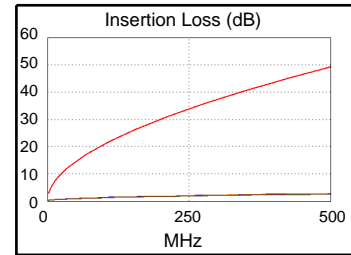
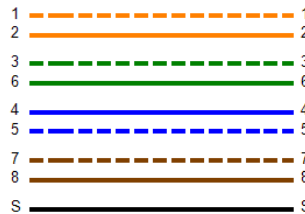
Main Adapter: DTX-CHA002

Remote Adapter: DTX-CHA002

| | | |
|-----------------------------|-----------|-------|
| Length (ft), Limit 328 | [Pair 45] | 16 |
| Prop. Delay (ns), Limit 555 | [Pair 12] | 23 |
| Delay Skew (ns), Limit 50 | [Pair 12] | 1 |
| Resistance (ohms) | [Pair 12] | 1.4 |
| | | |
| Insertion Loss Margin (dB) | [Pair 12] | 44.9 |
| Frequency (MHz) | [Pair 12] | 469.0 |
| Limit (dB) | [Pair 12] | 47.6 |

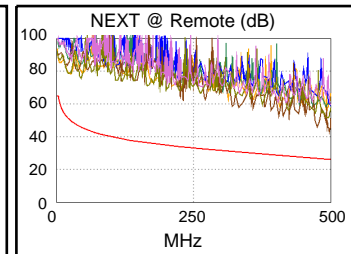
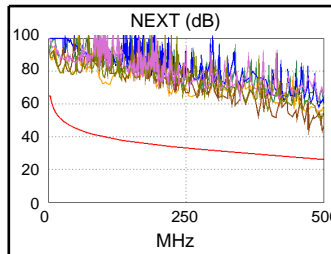


Wire Map (T568B)
PASS

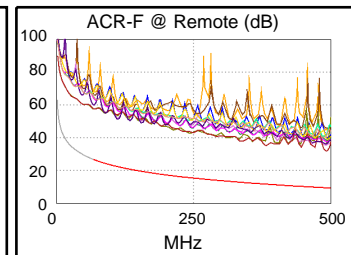
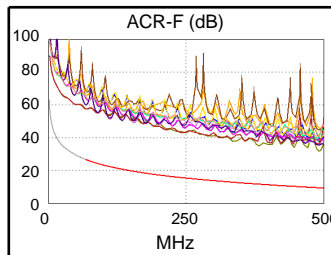


Worst Case Margin Worst Case Value

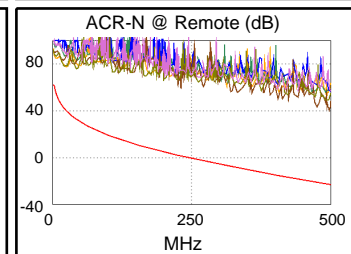
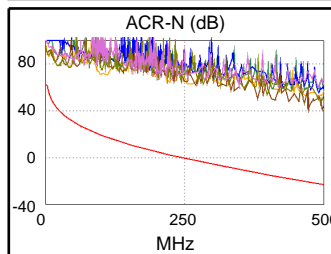
| PASS | MAIN | SR | MAIN | SR |
|---------------------|-------|-------|-------|-------|
| Worst Pair | 36-45 | 36-45 | 36-45 | 36-45 |
| NEXT (dB) | 17.4 | 16.9 | 17.4 | 16.9 |
| Freq. (MHz) | 497.0 | 497.0 | 497.0 | 497.0 |
| Limit (dB) | 26.2 | 26.2 | 26.2 | 26.2 |
| Worst Pair | 36 | 36 | 36 | 36 |
| PS NEXT (dB) | 19.5 | 19.3 | 19.5 | 19.3 |
| Freq. (MHz) | 497.0 | 497.0 | 497.0 | 497.0 |
| Limit (dB) | 23.3 | 23.3 | 23.3 | 23.3 |



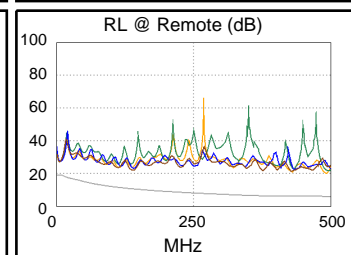
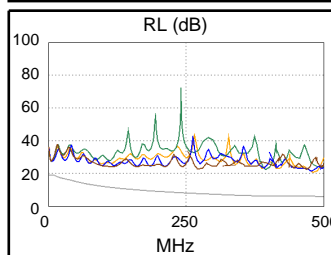
| PASS | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| Worst Pair | 36-45 | 45-36 | 36-45 | 45-36 |
| ACR-F (dB) | 22.4 | 22.5 | 22.4 | 22.5 |
| Freq. (MHz) | 490.0 | 490.0 | 490.0 | 492.0 |
| Limit (dB) | 9.5 | 9.5 | 9.5 | 9.4 |
| Worst Pair | 45 | 36 | 45 | 36 |
| PS ACR-F (dB) | 24.0 | 23.8 | 24.0 | 23.8 |
| Freq. (MHz) | 490.0 | 490.0 | 490.0 | 490.0 |
| Limit (dB) | 6.5 | 6.5 | 6.5 | 6.5 |



| N/A | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| Worst Pair | 12-36 | 12-36 | 36-45 | 36-45 |
| ACR-N (dB) | 26.7 | 26.0 | 64.0 | 63.5 |
| Freq. (MHz) | 3.0 | 3.0 | 497.0 | 497.0 |
| Limit (dB) | 61.4 | 61.4 | -23.0 | -23.0 |
| Worst Pair | 36 | 36 | 36 | 36 |
| PS ACR-N (dB) | 25.9 | 25.2 | 65.9 | 65.7 |
| Freq. (MHz) | 3.0 | 3.0 | 497.0 | 497.0 |
| Limit (dB) | 58.4 | 58.4 | -25.8 | -25.8 |



| N/A | MAIN | SR | MAIN | SR |
|----------------|------|------|-------|-------|
| Worst Pair | 36 | 78 | 12 | 12 |
| RL (dB) | 8.4 | 8.1 | 14.7 | 14.1 |
| Freq. (MHz) | 4.9 | 4.8 | 480.0 | 491.0 |
| 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 |