



Cable ID: 63767

Date / Time: 02/13/2017 04:15:41 PM

Headroom 28.7 dB (NEXT 36-78)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

Operator: Your Name

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 36] | 0.9 |
| | | |
| Insertion Loss Margin (dB) | [Pair 78] | 14.6 |
| Frequency (MHz) | [Pair 78] | 45.3 |
| Limit (dB) | [Pair 78] | 15.6 |

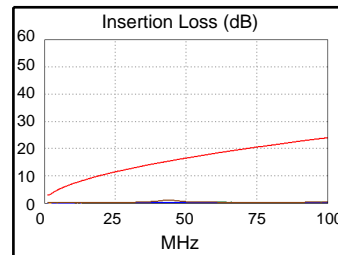
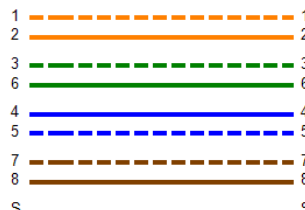


3 ft



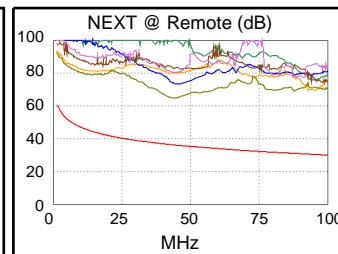
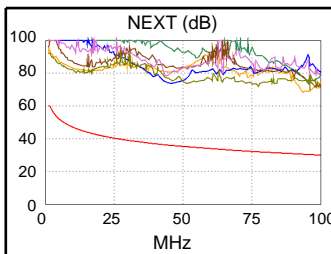
Wire Map (T568B)

PASS

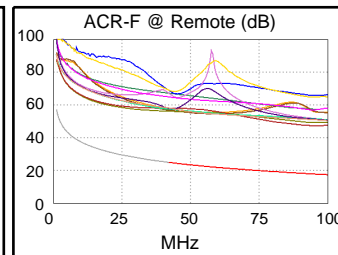
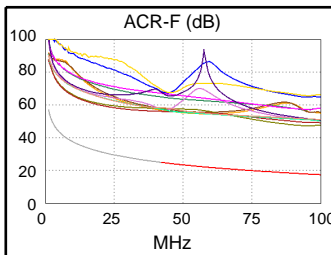


Worst Case Margin Worst Case Value

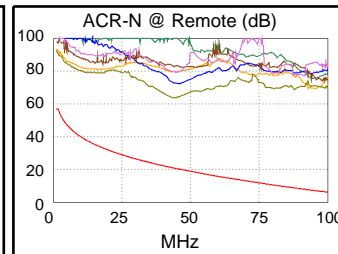
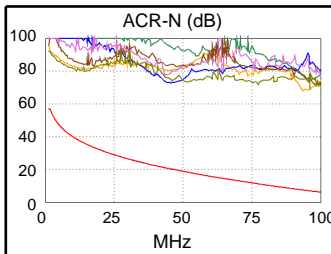
| PASS | MAIN | SR | MAIN | SR |
|---------------------|-------|-------|-------|-------|
| Worst Pair | 36-78 | 36-78 | 12-36 | 36-78 |
| NEXT (dB) | 31.3 | 28.7 | 37.2 | 28.7 |
| Freq. (MHz) | 1.8 | 43.0 | 95.3 | 43.8 |
| Limit (dB) | 59.4 | 36.4 | 30.4 | 36.2 |
| Worst Pair | 36 | 78 | 36 | 78 |
| PS NEXT (dB) | 31.8 | 31.1 | 38.8 | 31.1 |
| Freq. (MHz) | 1.8 | 43.0 | 95.3 | 43.8 |
| Limit (dB) | 56.4 | 33.4 | 27.4 | 33.2 |



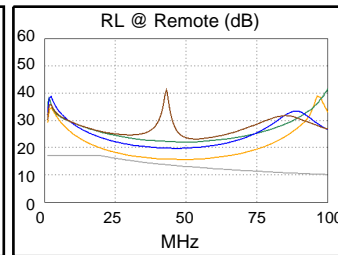
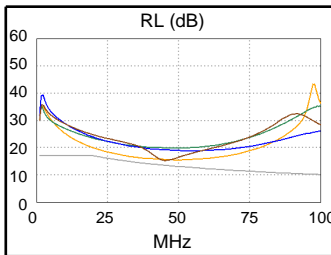
| PASS | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| Worst Pair | 45-36 | 36-45 | 36-45 | 45-36 |
| ACR-F (dB) | 28.1 | 28.1 | 29.4 | 29.3 |
| Freq. (MHz) | 10.6 | 10.6 | 93.8 | 93.8 |
| Limit (dB) | 36.9 | 36.9 | 18.0 | 18.0 |
| Worst Pair | 36 | 45 | 45 | 36 |
| PS ACR-F (dB) | 30.0 | 29.8 | 30.8 | 30.6 |
| Freq. (MHz) | 13.3 | 10.6 | 94.3 | 94.3 |
| Limit (dB) | 32.0 | 33.9 | 14.9 | 14.9 |



| N/A | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| Worst Pair | 36-78 | 36-78 | 12-36 | 36-78 |
| ACR-N (dB) | 34.2 | 33.9 | 60.2 | 43.0 |
| Freq. (MHz) | 1.8 | 1.6 | 95.3 | 43.8 |
| Limit (dB) | 56.4 | 56.9 | 7.1 | 20.9 |
| Worst Pair | 36 | 36 | 36 | 78 |
| PS ACR-N (dB) | 34.7 | 34.3 | 61.8 | 45.4 |
| Freq. (MHz) | 1.8 | 1.6 | 95.3 | 43.8 |
| Limit (dB) | 53.4 | 53.9 | 4.1 | 17.9 |



| N/A | MAIN | SR | MAIN | SR |
|----------------|------|------|------|------|
| Worst Pair | 78 | 12 | 78 | 12 |
| RL (dB) | 1.7 | 1.7 | 1.7 | 2.1 |
| Freq. (MHz) | 44.8 | 32.8 | 44.8 | 46.3 |
| Limit (dB) | 13.5 | 14.9 | 13.5 | 13.4 |



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 | |