



Cable ID: PPU6-0024-B/PPU6-0024-S

Test Summary: PASS

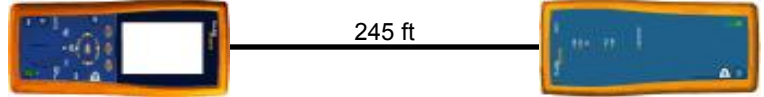
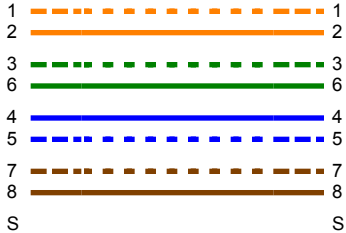
Date / Time: 11/01/2018 02:43:48pm
Headroom: 4.7 dB (NEXT 36-78)
Test Limit: TIA Cat 6 Perm. Link
 Cable Type: Cat 6 UTP

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

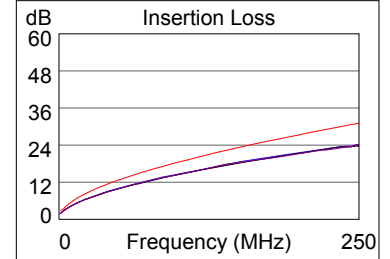
Model: DTX-1800
 Main S/N: 1314035
 Remote S/N: 1314036
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

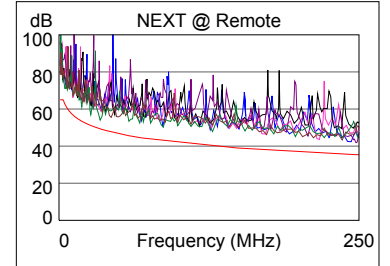
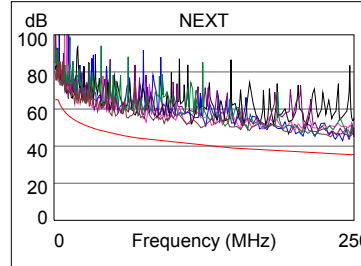
PASS



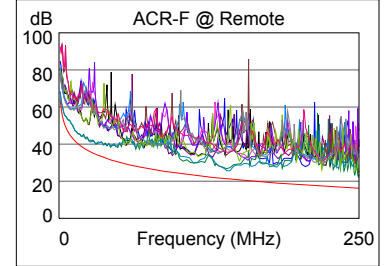
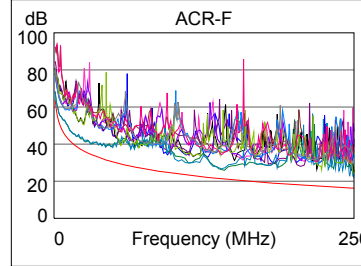
| | | |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295 | [Pair 78] | 245 |
| Prop. Delay (ns), Limit 498 | | 384 |
| Delay Skew (ns), Limit 44 | | 23 |
| Resistance (ohms) | [Pair 36] | 11.2 |
| Insertion Loss Margin (dB) | [Pair 12] | 6.8 |
| Frequency (MHz) | [Pair 12] | 250.0 |
| Limit (dB) | [Pair 12] | 31.1 |



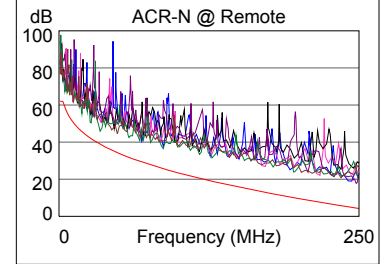
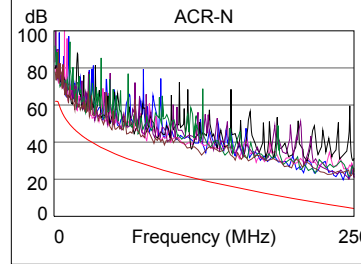
| | Worst Case Margin | | Worst Case Value | |
|---------------------|-------------------|-------|------------------|-------|
| | MAIN | SR | MAIN | SR |
| PASS | | | | |
| Worst Pair | 12-36 | 36-78 | 12-36 | 36-45 |
| NEXT (dB) | 7.3 | 4.7 | 7.3 | 6.5 |
| Freq. (MHz) | 240.5 | 34.3 | 240.5 | 247.5 |
| Limit (dB) | 35.6 | 49.3 | 35.6 | 35.4 |
| Worst Pair | 36 | 36 | 36 | 36 |
| PS NEXT (dB) | 7.1 | 6.1 | 7.1 | 6.9 |
| Freq. (MHz) | 245.5 | 34.3 | 245.5 | 248.5 |
| Limit (dB) | 32.8 | 46.9 | 32.8 | 32.7 |



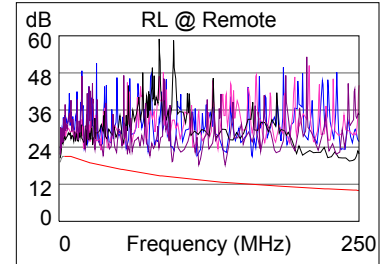
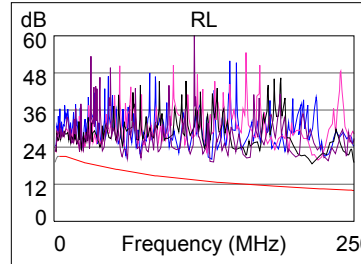
| | Worst Case Margin | | Worst Case Value | |
|----------------------|-------------------|-------|------------------|-------|
| | MAIN | SR | MAIN | SR |
| PASS | | | | |
| Worst Pair | 36-45 | 36-45 | 45-36 | 36-45 |
| ACR-F (dB) | 4.0 | 4.0 | 6.1 | 6.2 |
| Freq. (MHz) | 1.5 | 1.1 | 249.5 | 249.5 |
| Limit (dB) | 60.7 | 63.2 | 16.2 | 16.2 |
| Worst Pair | 45 | 45 | 36 | 45 |
| PS ACR-F (dB) | 6.4 | 6.2 | 8.8 | 8.7 |
| Freq. (MHz) | 1.5 | 1.4 | 249.5 | 249.5 |
| Limit (dB) | 57.7 | 58.4 | 13.2 | 13.2 |



| | Worst Case Margin | | Worst Case Value | |
|----------------------|-------------------|-------|------------------|-------|
| | MAIN | SR | MAIN | SR |
| N/A | | | | |
| Worst Pair | 45-78 | 36-78 | 12-36 | 36-45 |
| ACR-N (dB) | 10.3 | 7.0 | 14.2 | 13.4 |
| Freq. (MHz) | 12.0 | 34.3 | 240.5 | 248.0 |
| Limit (dB) | 50.5 | 38.9 | 5.2 | 4.4 |
| Worst Pair | 45 | 36 | 36 | 36 |
| PS ACR-N (dB) | 9.8 | 8.5 | 13.8 | 13.8 |
| Freq. (MHz) | 12.0 | 34.3 | 245.5 | 248.5 |
| Limit (dB) | 48.1 | 36.4 | 2.1 | 1.8 |



| | Worst Case Margin | | Worst Case Value | |
|----------------|-------------------|------|------------------|-------|
| | MAIN | SR | MAIN | SR |
| PASS | | | | |
| Worst Pair | 78 | 78 | 45 | 78 |
| RL (dB) | 2.9 | 3.0 | 7.5 | 5.6 |
| Freq. (MHz) | 21.4 | 36.8 | 215.5 | 138.5 |
| Limit (dB) | 19.4 | 18.2 | 10.7 | 12.6 |



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