



Cable ID: KSU5-2000

Test Summary: PASS

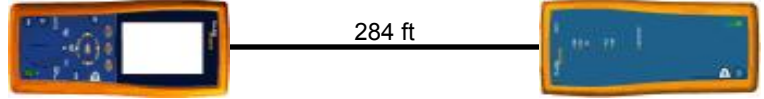
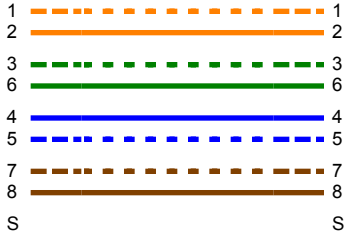
Date / Time: 11/03/2018 03:55:40pm
Headroom: 6.8 dB (NEXT 36-78)
Test Limit: TIA Cat 5e Perm. Link
 Cable Type: Cat 5e UTP

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

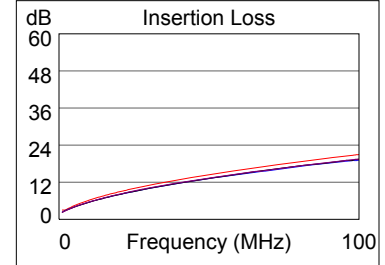
Model: DTX-1800
 Main S/N: 1314035
 Remote S/N: 1314036
 Main Adapter: DTX-PLA002
 Remote Adapter: DTX-PLA002

Wire Map (T568B)

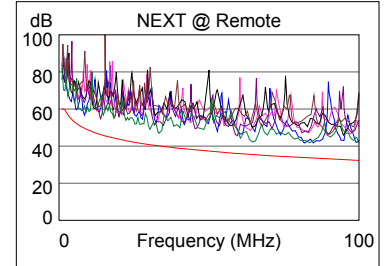
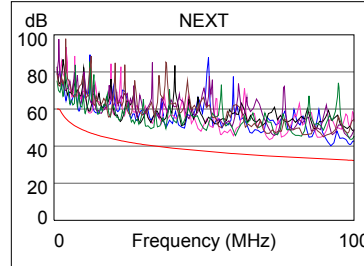
PASS



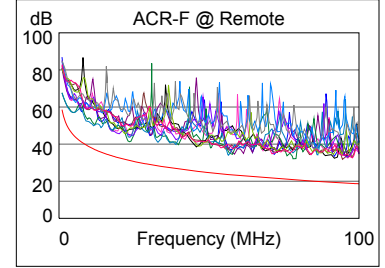
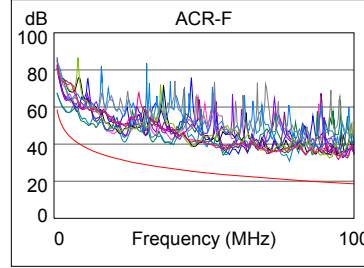
| | | |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295 | [Pair 36] | 284 |
| Prop. Delay (ns), Limit 498 | | 427 |
| Delay Skew (ns), Limit 44 | | 9 |
| Resistance (ohms) | [Pair 78] | 15.7 |
| Insertion Loss Margin (dB) | [Pair 36] | 1.5 |
| Frequency (MHz) | [Pair 36] | 100.0 |
| Limit (dB) | [Pair 36] | 21.0 |



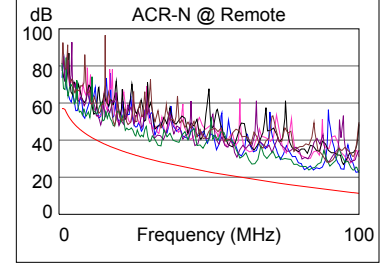
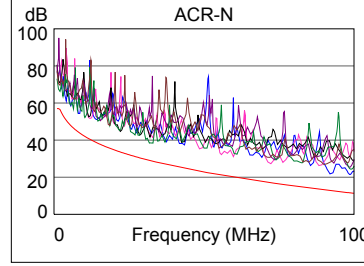
| | Worst Case Margin | | Worst Case Value | |
|---------------------|-------------------|-------|------------------|-------|
| | MAIN | SR | MAIN | SR |
| PASS | | | | |
| Worst Pair | 12-36 | 36-78 | 12-36 | 12-36 |
| NEXT (dB) | 7.3 | 6.8 | 7.3 | 7.7 |
| Freq. (MHz) | 92.3 | 33.3 | 92.3 | 85.0 |
| Limit (dB) | 32.9 | 40.1 | 32.9 | 33.5 |
| Worst Pair | 36 | 36 | 36 | 36 |
| PS NEXT (dB) | 8.7 | 7.9 | 8.7 | 7.9 |
| Freq. (MHz) | 98.5 | 83.0 | 98.5 | 83.0 |
| Limit (dB) | 29.4 | 30.6 | 29.4 | 30.6 |



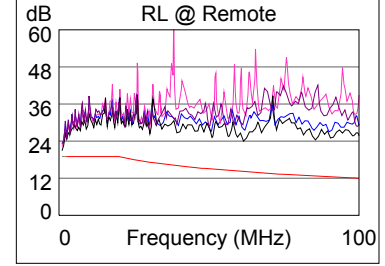
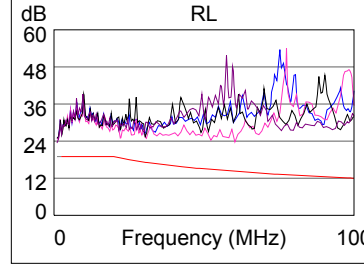
| | Worst Case Margin | | Worst Case Value | |
|----------------------|-------------------|-------|------------------|-------|
| | MAIN | SR | MAIN | SR |
| PASS | | | | |
| Worst Pair | 36-45 | 45-36 | 45-36 | 36-45 |
| ACR-F (dB) | 9.0 | 9.0 | 10.1 | 10.3 |
| Freq. (MHz) | 1.0 | 1.0 | 78.5 | 78.5 |
| Limit (dB) | 58.6 | 58.6 | 20.7 | 20.7 |
| Worst Pair | 36 | 36 | 12 | 45 |
| PS ACR-F (dB) | 10.7 | 11.2 | 13.4 | 13.8 |
| Freq. (MHz) | 57.8 | 56.5 | 92.0 | 96.5 |
| Limit (dB) | 20.4 | 20.6 | 16.3 | 15.9 |



| | Worst Case Margin | | Worst Case Value | |
|----------------------|-------------------|-------|------------------|-------|
| | MAIN | SR | MAIN | SR |
| N/A | | | | |
| Worst Pair | 36-78 | 12-36 | 12-36 | 36-78 |
| ACR-N (dB) | 8.6 | 7.6 | 8.7 | 11.1 |
| Freq. (MHz) | 1.9 | 8.4 | 92.3 | 100.0 |
| Limit (dB) | 57.0 | 44.1 | 12.8 | 11.3 |
| Worst Pair | 78 | 36 | 36 | 36 |
| PS ACR-N (dB) | 9.2 | 8.8 | 10.1 | 11.5 |
| Freq. (MHz) | 1.8 | 8.4 | 98.5 | 100.0 |
| Limit (dB) | 54.0 | 41.1 | 8.6 | 8.3 |



| | Worst Case Margin | | Worst Case Value | |
|----------------|-------------------|------|------------------|------|
| | MAIN | SR | MAIN | SR |
| PASS | | | | |
| Worst Pair | 36 | 45 | 36 | 45 |
| RL (dB) | 6.4 | 5.5 | 9.5 | 9.7 |
| Freq. (MHz) | 22.1 | 2.8 | 60.3 | 61.8 |
| Limit (dB) | 18.6 | 19.0 | 14.2 | 14.1 |



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