



Cable ID: CAT5E-UTP-3FT

Date / Time: 10/13/2018 11:31:31 AM

Headroom 32.9 dB (NEXT 36-45)

Test Limit: TIA Cat 5e Channel

Cable Type: Cat 5e U/UTP

NVP: 69.0%

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

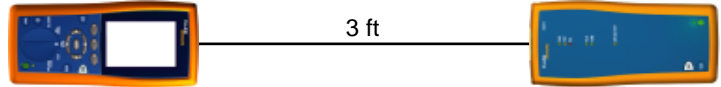
Main S/N: 3178039

Remote S/N: 3178046

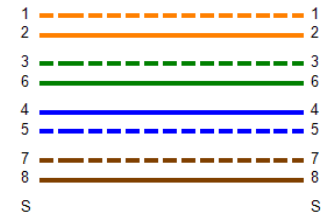
Main Adapter: DTX-CHA002

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 12] | 0.9 |
| | | |
| Insertion Loss Margin (dB) | [Pair 12] | 23.5 |
| Frequency (MHz) | [Pair 12] | 98.8 |
| Limit (dB) | [Pair 12] | 23.8 |

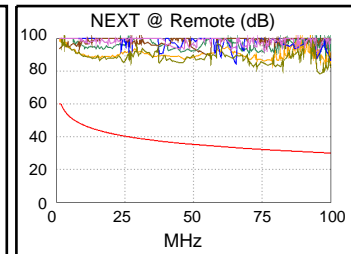
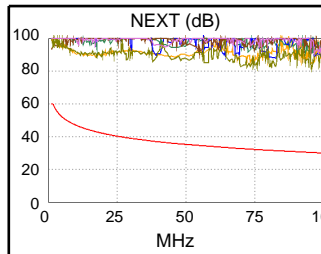


Wire Map (T568B)
PASS

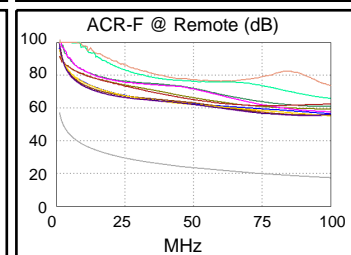
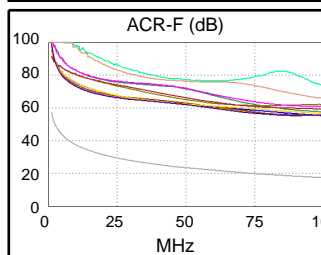


Worst Case Margin Worst Case Value

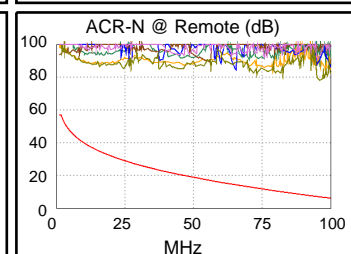
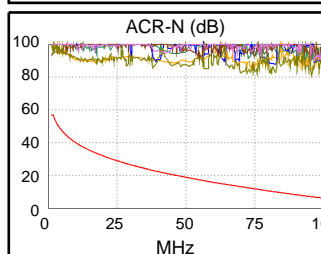
| PASS | MAIN | SR | MAIN | SR |
|---------------------|-------|-------|-------|-------|
| Worst Pair | 36-45 | 36-45 | 36-78 | 36-78 |
| NEXT (dB) | 32.9 | 33.3 | 50.8 | 48.0 |
| Freq. (MHz) | 1.4 | 1.3 | 95.5 | 96.0 |
| Limit (dB) | 60.0 | 60.0 | 30.4 | 30.4 |
| Worst Pair | 36 | 36 | 36 | 36 |
| PS NEXT (dB) | 34.0 | 34.9 | 52.2 | 50.7 |
| Freq. (MHz) | 1.4 | 1.1 | 95.5 | 96.0 |
| Limit (dB) | 57.0 | 57.0 | 27.4 | 27.4 |



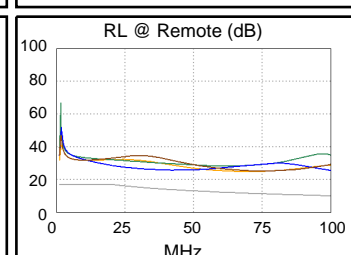
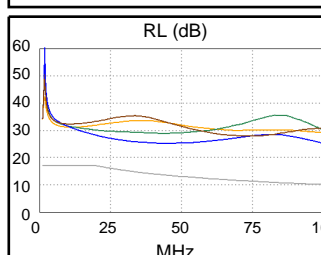
| PASS | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| Worst Pair | 78-36 | 36-78 | 12-78 | 36-78 |
| ACR-F (dB) | 35.9 | 35.9 | 37.9 | 37.0 |
| Freq. (MHz) | 14.8 | 15.0 | 99.5 | 91.0 |
| Limit (dB) | 34.0 | 33.9 | 17.4 | 18.2 |
| Worst Pair | 36 | 36 | 36 | 12 |
| PS ACR-F (dB) | 35.7 | 35.9 | 36.3 | 36.9 |
| Freq. (MHz) | 6.1 | 1.3 | 88.0 | 96.8 |
| Limit (dB) | 38.7 | 52.5 | 15.5 | 14.7 |



| N/A | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| Worst Pair | 36-45 | 36-45 | 36-78 | 36-78 |
| ACR-N (dB) | 35.7 | 36.1 | 74.0 | 71.3 |
| Freq. (MHz) | 1.4 | 1.3 | 95.5 | 96.0 |
| Limit (dB) | 57.0 | 57.0 | 7.0 | 6.9 |
| Worst Pair | 36 | 36 | 36 | 78 |
| PS ACR-N (dB) | 36.9 | 37.8 | 75.5 | 74.0 |
| Freq. (MHz) | 1.4 | 1.1 | 95.5 | 96.0 |
| Limit (dB) | 54.0 | 54.0 | 4.0 | 3.9 |



| N/A | MAIN | SR | MAIN | SR |
|----------------|------|------|------|------|
| Worst Pair | 45 | 45 | 45 | 12 |
| RL (dB) | 10.9 | 11.3 | 11.4 | 13.1 |
| Freq. (MHz) | 26.6 | 27.8 | 42.0 | 67.0 |
| Limit (dB) | 15.8 | 15.6 | 13.8 | 11.7 |



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