



Cable ID: F5-BK-1.5M

Date / Time: 12/06/2019 16:55:32
Headroom 8.2 dB (NEXT 36-45)
Test Limit: TIA Cat 5e Channel
 Cable Type: Cat 5e F/UTP
 Calibration Date: 06/23/2010

Operator: SHIPQC
 Software Version: 2.7800
 Limits Version: 1.9500
 NVP: 69.0%

Test Summary: PASS

Model: DTX-1800
 Main S/N: 1357153
 Remote S/N: 1357154
 Main Adapter: DTX-CHA002
 Remote Adapter: DTX-CHA002

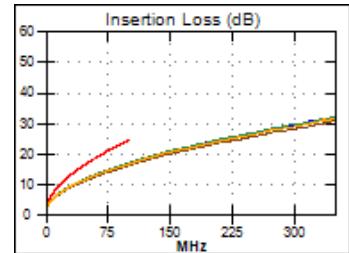
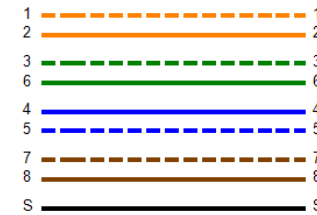
| | | |
|-----------------------------|-----------|-------|
| Length (m), Limit 100.0 | [Pair 78] | 85.0 |
| Prop. Delay (ns), Limit 555 | [Pair 45] | 441 |
| Delay Skew (ns), Limit 50 | [Pair 45] | 30 |
| Resistance (ohms) | [Pair 36] | 15.4 |
| | | |
| Insertion Loss Margin (dB) | [Pair 36] | 7.4 |
| Frequency (MHz) | [Pair 36] | 100.0 |
| Limit (dB) | [Pair 36] | 24.0 |



85.0 m

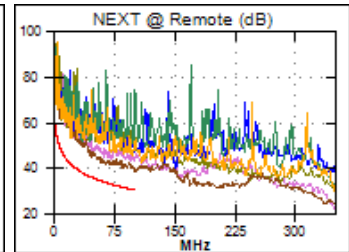
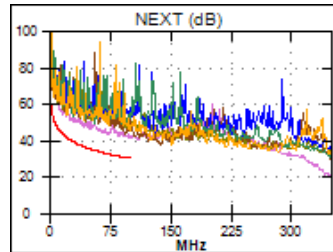


Wire Map (T568B)
PASS

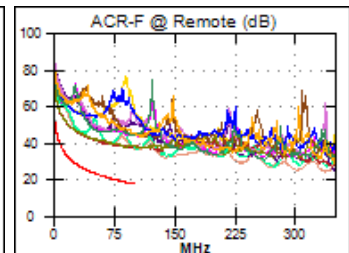
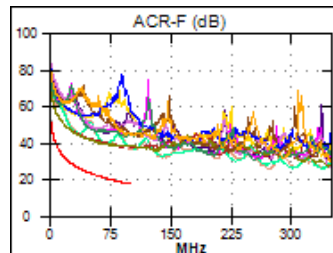


Worst Case Margin Worst Case Value

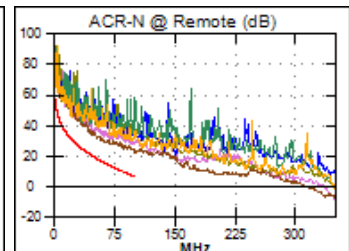
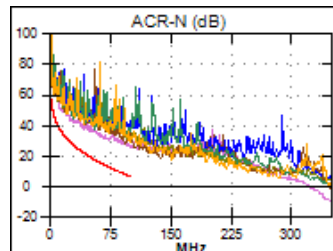
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|---------------------|-------|-------|-------|-------|
| PASS | MAIN | SR | MAIN | SR |
| Worst Pair | 45-78 | 36-45 | 45-78 | 36-45 |
| NEXT (dB) | 10.4 | 8.2 | 11.2 | 8.2 |
| Freq. (MHz) | 73.3 | 64.0 | 97.3 | 86.5 |
| Limit (dB) | 32.4 | 33.4 | 30.3 | 31.2 |
| Worst Pair | 45 | 45 | 45 | 45 |
| PS NEXT (dB) | 12.0 | 9.6 | 12.0 | 10.7 |
| Freq. (MHz) | 93.5 | 61.8 | 93.5 | 99.8 |
| Limit (dB) | 27.6 | 30.7 | 27.6 | 27.1 |



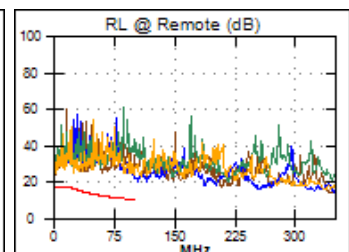
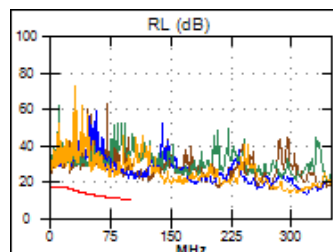
| | | | | |
|----------------------|-------|-------|-------|-------|
| PASS | MAIN | SR | MAIN | SR |
| Worst Pair | 36-45 | 45-36 | 78-45 | 78-45 |
| ACR-F (dB) | 16.5 | 16.5 | 19.3 | 19.8 |
| Freq. (MHz) | 2.1 | 2.1 | 100.0 | 100.0 |
| Limit (dB) | 50.9 | 50.9 | 17.4 | 17.4 |
| Worst Pair | 45 | 45 | 45 | 45 |
| PS ACR-F (dB) | 17.3 | 17.6 | 19.5 | 20.1 |
| Freq. (MHz) | 1.0 | 1.0 | 99.3 | 100.0 |
| Limit (dB) | 54.4 | 54.4 | 14.5 | 14.4 |



| | | | | |
|----------------------|-------|-------|-------|-------|
| N/A | MAIN | SR | MAIN | SR |
| Worst Pair | 45-78 | 36-45 | 45-78 | 36-45 |
| ACR-N (dB) | 13.6 | 13.8 | 19.7 | 16.6 |
| Freq. (MHz) | 3.0 | 2.3 | 100.0 | 97.0 |
| Limit (dB) | 51.7 | 54.3 | 6.1 | 6.7 |
| Worst Pair | 36 | 36 | 45 | 45 |
| PS ACR-N (dB) | 14.0 | 14.2 | 19.8 | 18.2 |
| Freq. (MHz) | 5.8 | 2.3 | 97.3 | 99.8 |
| Limit (dB) | 42.6 | 51.3 | 3.6 | 3.1 |



| | | | | |
|----------------|------|------|------|-------|
| PASS | MAIN | SR | MAIN | SR |
| Worst Pair | 78 | 12 | 45 | 45 |
| RL (dB) | 9.2 | 8.5 | 12.1 | 13.0 |
| Freq. (MHz) | 25.9 | 25.0 | 97.8 | 100.0 |
| Limit (dB) | 15.9 | 16.0 | 10.1 | 10.0 |



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

| Cable ID | Summary | Test Limit | Length | Headroom | Date / Time: |
|------------|---------|--------------------|--------|---------------|------------------|
| F5-BK-1.5M | PASS | TIA Cat 5e Channel | 85.0 m | 8.2 dB (NEXT) | 12/06/2019 16:55 |

| | |
|----------------------------|--------|
| Total Length: | 85.0 m |
| Number of Reports: | 1 |
| Number of Passing Reports: | 1 |
| Number of Failing Reports: | 0 |
| Number of Warning Reports: | 0 |
| Documentation Only: | 0 |