



Cable ID: CAT6 : WP-CAT6-RJ45-BK CAT6 90 degree keystone - 100M NST-C

Test Summary: PASS

Date / Time: 03/19/2019 02:46:11 PM

Operator: VERNON FURR

Model: DSX-8000

Headroom 2.3 dB (NEXT 36-45)

Software Version: V6.1 Build 3

Main S/N: 1830042

Test Limit: TIA Cat 6 Channel (+All)

Limits Version: V7.1

Remote S/N: 1830132

Cable Type: CAT6 : WP-CAT6-RJ45-BK CA

Calibration Start Date:

Main Adapter: DSX-CHA804

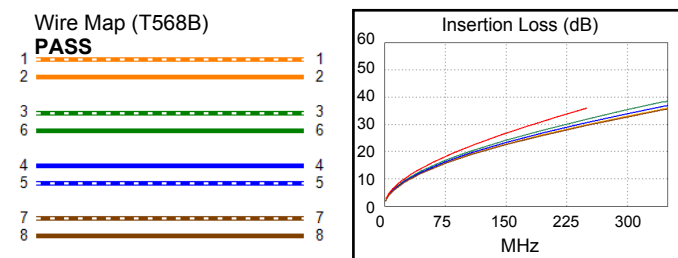
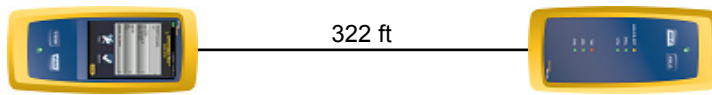
NVP: 68.2%

Main (Module): 09/17/2018

Remote Adapter: DSX-CHA804

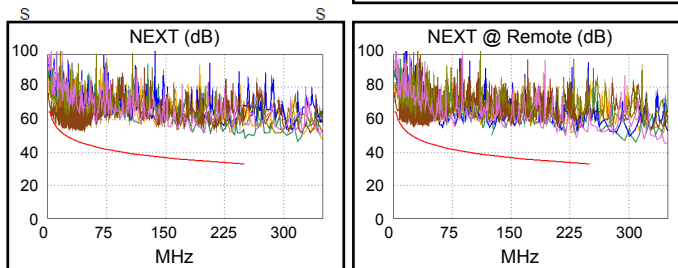
Remote (Module): 09/17/2018

| | | |
|--|--------------|-------|
| Length (ft), Limit 328 | [Pair 78] | 322 |
| Prop. Delay (ns), Limit 555 | [Pair 36] | 504 |
| Delay Skew (ns), Limit 50 | [Pair 36] | 24 |
| Resistance (ohms), Limit 25.00 | [Pair 36] | 15.55 |
| Resist. Unbal. (ohms), Limit 0.450 | [Pair 12] | 0.097 |
| Resist. P2P Unbal. (ohms), Limit 0.540 | [Pair 12-36] | 0.108 |
| | | |
| Insertion Loss Margin (dB) | [Pair 36] | 4.0 |
| Frequency (MHz) | [Pair 36] | 250.0 |
| Limit (dB) | [Pair 36] | 35.9 |

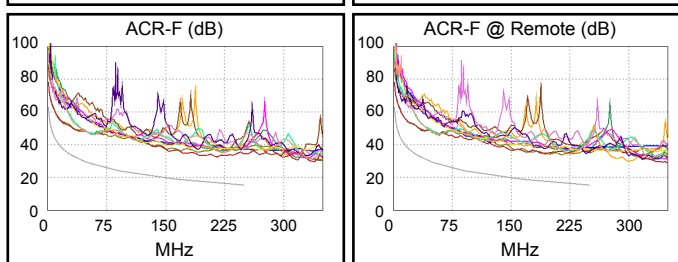


Worst Case Margin Worst Case Value

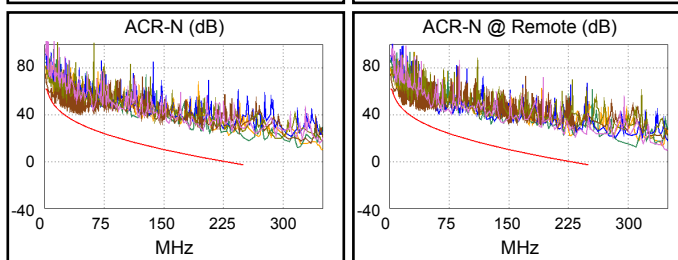
| PASS | MAIN | SR | MAIN | SR |
|---------------------|-------|-------|-------|-------|
| Worst Pair | 36-45 | 36-45 | 12-45 | 45-78 |
| NEXT (dB) | 2.3 | 3.1 | 18.0 | 15.9 |
| Freq. (MHz) | 4.5 | 3.5 | 250.0 | 233.0 |
| Limit (dB) | 62.2 | 64.0 | 33.1 | 33.6 |
| Worst Pair | 36 | 36 | 45 | 45 |
| PS NEXT (dB) | 4.6 | 5.0 | 16.7 | 17.0 |
| Freq. (MHz) | 4.5 | 3.4 | 198.5 | 233.5 |
| Limit (dB) | 59.7 | 61.7 | 31.9 | 30.7 |



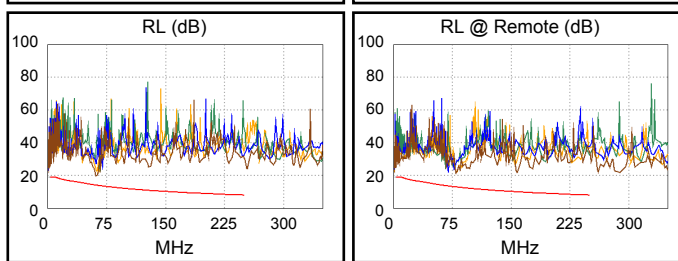
| PASS | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| Worst Pair | 45-36 | 45-36 | 45-36 | 36-45 |
| ACR-F (dB) | 15.6 | 15.7 | 16.0 | 16.9 |
| Freq. (MHz) | 17.4 | 15.5 | 216.5 | 215.5 |
| Limit (dB) | 38.5 | 39.5 | 16.5 | 16.6 |
| Worst Pair | 36 | 45 | 45 | 45 |
| PS ACR-F (dB) | 17.2 | 17.0 | 17.8 | 17.0 |
| Freq. (MHz) | 192.5 | 225.5 | 224.0 | 225.5 |
| Limit (dB) | 14.6 | 13.2 | 13.3 | 13.2 |



| N/A | MAIN | SR | MAIN | SR |
|----------------------|-------|-------|-------|-------|
| Worst Pair | 36-45 | 36-45 | 12-45 | 45-78 |
| ACR-N (dB) | 2.8 | 3.6 | 23.3 | 21.8 |
| Freq. (MHz) | 4.5 | 3.5 | 250.0 | 233.0 |
| Limit (dB) | 58.0 | 60.2 | -2.8 | -0.8 |
| Worst Pair | 36 | 36 | 45 | 45 |
| PS ACR-N (dB) | 5.0 | 5.4 | 25.1 | 22.0 |
| Freq. (MHz) | 4.5 | 3.4 | 250.0 | 233.5 |
| Limit (dB) | 55.4 | 58.0 | -5.8 | -3.8 |



| PASS | MAIN | SR | MAIN | SR |
|----------------|------|------|------|------|
| Worst Pair | 78 | 78 | 78 | 78 |
| RL (dB) | 5.7 | 7.9 | 5.7 | 7.9 |
| Freq. (MHz) | 61.5 | 80.0 | 61.5 | 80.0 |
| Limit (dB) | 14.1 | 13.0 | 14.1 | 13.0 |



Compliant Network Standards:

| | | |
|---------------|------------|--------------|
| 10BASE-T | 100BASE-TX | 100BASE-T4 |
| 1000BASE-T | 2.5GBASE-T | 5GBASE-T |
| ATM-25 | ATM-51 | ATM-155 |
| 100VG-AnyLan | TR-4 | TR-16 Active |
| TR-16 Passive | | |



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Test Limit: TIA Cat 6 Channel (+All)

Limits Version: V7.1

Remote S/N: 1830132

Cable Type: CAT6 : WP-CAT6-RJ45-BK CA

Calibration Start Date:

Main Adapter: DSX-CHA804

NVP: 68.2%

Main (Module): 09/17/2018

Remote Adapter: DSX-CHA804

Remote (Module): 09/17/2018

| | Worst Case Margin | | Worst Case Value | |
|--------------------|-------------------|------|------------------|-------|
| | MAIN | SR | MAIN | SR |
| PASS | | | | |
| Worst Pair | 78 | 78 | 78 | 78 |
| TCL (dB) | 4.6 | 4.0 | 18.9 | 20.2 |
| Freq. (MHz) | 4.5 | 4.4 | 139.0 | 202.5 |
| Limit (dB) | 40.0 | 40.0 | 17.9 | 15.4 |
| N/A | | | | |
| Worst Pair | | | 12-36 | 36-78 |
| CDNEXT (dB) | | | 36.0 | 34.3 |
| Freq. (MHz) | | | 335.0 | 336.0 |
| Limit (dB) | | | | |
| N/A | | | | |
| Worst Pair | | | 36 | 36 |
| CMRL (dB) | | | 0.9 | 4.1 |
| Freq. (MHz) | | | 350.0 | 1.6 |
| Limit (dB) | | | | |
| PASS | | | | |
| Worst Pair | 36 | 12 | 78 | 78 |
| ELTCTL (dB) | 19.6 | 19.3 | 23.8 | 24.1 |
| Freq. (MHz) | 5.5 | 1.0 | 14.5 | 14.5 |
| Limit (dB) | 15.2 | 30.0 | 6.8 | 6.8 |

