

| Cable ID | Summary | Test Limit           | Length | Headroom      | Date / Time         |
|----------|---------|----------------------|--------|---------------|---------------------|
| 1/200    | PASS    | TIA Cat 6 Perm. Link | 14 ft  | 4.9 dB (NEXT) | 11/10/2015 05:21 PM |
| 1/201    | PASS    | TIA Cat 6 Perm. Link | 14 ft  | 5.8 dB (NEXT) | 11/10/2015 05:36 PM |
| 1/203    | PASS    | TIA Cat 6 Perm. Link | 14 ft  | 5.2 dB (NEXT) | 11/10/2015 05:37 PM |
| 1/204    | PASS    | TIA Cat 6 Perm. Link | 14 ft  | 4.6 dB (NEXT) | 11/10/2015 05:38 PM |
| 1/205    | PASS    | TIA Cat 6 Perm. Link | 14 ft  | 5.0 dB (NEXT) | 11/10/2015 05:38 PM |
| 1/206    | PASS    | TIA Cat 6 Perm. Link | 14 ft  | 4.9 dB (NEXT) | 11/10/2015 05:39 PM |
| 1/207    | PASS    | TIA Cat 6 Perm. Link | 14 ft  | 3.6 dB (NEXT) | 11/10/2015 05:40 PM |
| 1/208    | PASS    | TIA Cat 6 Perm. Link | 14 ft  | 3.5 dB (NEXT) | 11/10/2015 05:41 PM |
| 1/209    | PASS    | TIA Cat 6 Perm. Link | 15 ft  | 3.7 dB (NEXT) | 11/10/2015 05:41 PM |
| 1/210    | PASS    | TIA Cat 6 Perm. Link | 15 ft  | 4.3 dB (NEXT) | 11/10/2015 05:42 PM |
| 1/211    | PASS    | TIA Cat 6 Perm. Link | 15 ft  | 4.0 dB (NEXT) | 11/10/2015 05:42 PM |
| 1/212    | PASS    | TIA Cat 6 Perm. Link | 15 ft  | 3.8 dB (NEXT) | 11/10/2015 05:42 PM |
| 1/213    | PASS    | TIA Cat 6 Perm. Link | 15 ft  | 4.9 dB (NEXT) | 11/10/2015 05:43 PM |
| 1/214    | PASS    | TIA Cat 6 Perm. Link | 15 ft  | 5.7 dB (NEXT) | 11/10/2015 05:43 PM |
| 1/215    | PASS    | TIA Cat 6 Perm. Link | 15 ft  | 4.3 dB (NEXT) | 11/10/2015 05:44 PM |
| 1/216    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.7 dB (NEXT) | 11/10/2015 05:44 PM |
| 1/217    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 3.3 dB (NEXT) | 11/10/2015 05:45 PM |
| 1/218    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 3.8 dB (NEXT) | 11/10/2015 05:45 PM |
| 1/219    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 3.3 dB (NEXT) | 11/10/2015 05:47 PM |
| 1/220    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.8 dB (NEXT) | 11/10/2015 05:48 PM |
| 1/221    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.9 dB (NEXT) | 11/10/2015 05:48 PM |
| 1/222    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.4 dB (NEXT) | 11/10/2015 05:49 PM |
| 1/223    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.5 dB (NEXT) | 11/10/2015 05:49 PM |
| 1/224    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.0 dB (NEXT) | 11/10/2015 05:50 PM |
| 1/225    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 5.6 dB (NEXT) | 11/10/2015 05:51 PM |
| 1/226    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.3 dB (NEXT) | 11/10/2015 05:52 PM |
| 1/227    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.5 dB (NEXT) | 11/10/2015 05:52 PM |
| 1/228    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.9 dB (NEXT) | 11/10/2015 05:53 PM |
| 1/229    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.5 dB (NEXT) | 11/10/2015 05:53 PM |
| 1/230    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 1.7 dB (NEXT) | 11/10/2015 05:54 PM |
| 1/231    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 3.2 dB (NEXT) | 11/10/2015 05:54 PM |
| 1/232    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.0 dB (NEXT) | 11/10/2015 05:54 PM |
| 1/233    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 2.6 dB (NEXT) | 11/10/2015 05:55 PM |
| 1/234    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 5.0 dB (NEXT) | 11/10/2015 05:55 PM |
| 1/235    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.2 dB (NEXT) | 11/10/2015 05:57 PM |
| 1/236    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 3.2 dB (NEXT) | 11/10/2015 05:57 PM |
| 1/237    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 3.9 dB (NEXT) | 11/10/2015 05:57 PM |
| 1/238    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.5 dB (NEXT) | 11/10/2015 05:58 PM |
| 1/239    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 3.3 dB (NEXT) | 11/10/2015 05:59 PM |
| 1/240    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.7 dB (NEXT) | 11/10/2015 05:59 PM |
| 1/241    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.5 dB (NEXT) | 11/10/2015 05:59 PM |
| 1/242    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 3.6 dB (NEXT) | 11/10/2015 06:00 PM |
| 1/243    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 3.4 dB (NEXT) | 11/10/2015 06:00 PM |
| 1/244    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 4.4 dB (NEXT) | 11/10/2015 06:01 PM |
| 1/245    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 2.9 dB (NEXT) | 11/10/2015 06:01 PM |
| 1/246    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 2.1 dB (NEXT) | 11/10/2015 06:02 PM |
| 1/247    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 1.9 dB (NEXT) | 11/10/2015 06:02 PM |
| 1/248    | PASS    | TIA Cat 6 Perm. Link | 16 ft  | 3.3 dB (NEXT) | 11/10/2015 06:03 PM |
| 1/249    | PASS    | TIA Cat 6 Perm. Link | 18 ft  | 2.2 dB (NEXT) | 11/10/2015 06:03 PM |
| 1/250    | PASS    | TIA Cat 6 Perm. Link | 18 ft  | 2.9 dB (NEXT) | 11/10/2015 06:04 PM |
| 1/251    | PASS    | TIA Cat 6 Perm. Link | 18 ft  | 5.1 dB (NEXT) | 11/10/2015 06:04 PM |
| 1/252    | PASS    | TIA Cat 6 Perm. Link | 18 ft  | 4.9 dB (NEXT) | 11/10/2015 06:05 PM |
| 1/253    | PASS    | TIA Cat 6 Perm. Link | 18 ft  | 3.9 dB (NEXT) | 11/10/2015 06:06 PM |
| 1/254    | PASS    | TIA Cat 6 Perm. Link | 18 ft  | 3.7 dB (NEXT) | 11/10/2015 06:06 PM |
| 1/255    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 4.7 dB (NEXT) | 11/10/2015 06:07 PM |
| 1/256    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 4.7 dB (NEXT) | 11/10/2015 06:07 PM |
| 1/257    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 4.9 dB (NEXT) | 11/10/2015 06:08 PM |
| 1/258    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 3.1 dB (NEXT) | 11/10/2015 06:08 PM |
| 1/259    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 2.6 dB (NEXT) | 11/10/2015 06:09 PM |
| 1/260    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 4.2 dB (NEXT) | 11/10/2015 06:09 PM |
| 1/261    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 3.1 dB (NEXT) | 11/10/2015 06:09 PM |
| 1/262    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 3.8 dB (NEXT) | 11/10/2015 06:10 PM |
| 1/263    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 2.2 dB (NEXT) | 11/10/2015 06:10 PM |
| 1/264    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 4.4 dB (NEXT) | 11/10/2015 06:11 PM |
| 1/265    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 4.3 dB (NEXT) | 11/10/2015 06:12 PM |
| 1/266    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 3.1 dB (NEXT) | 11/10/2015 06:11 PM |
| 1/267    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 4.9 dB (NEXT) | 11/10/2015 06:12 PM |
| 1/268    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 4.5 dB (NEXT) | 11/10/2015 06:13 PM |
| 1/269    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 5.6 dB (NEXT) | 11/10/2015 06:13 PM |
| 1/270    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 4.4 dB (NEXT) | 11/10/2015 06:14 PM |
| 1/271    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 6.0 dB (NEXT) | 11/10/2015 06:15 PM |
| 1/272    | PASS    | TIA Cat 6 Perm. Link | 17 ft  | 3.7 dB (NEXT) | 11/10/2015 06:15 PM |

|                            |         |
|----------------------------|---------|
| Total Length:              | 1159 ft |
| Number of Reports:         | 72      |
| Number of Passing Reports: | 72      |
| Number of Failing Reports: | 0       |
| Number of Warning Reports: | 0       |
| Documentation Only:        | 0       |



## Cable ID: 1/200

Date / Time: 11/10/2015 05:21:35 PM

Headroom 4.9 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

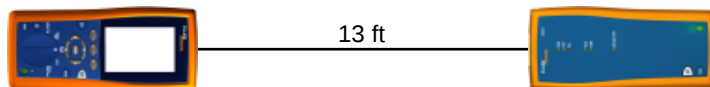
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

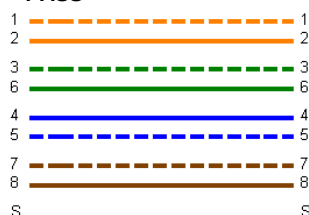
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 13    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 21    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.9  |
| Frequency (MHz)             | [Pair 36] | 242.5 |
| Limit (dB)                  | [Pair 36] | 30.6  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 4.9   | 5.4   | 4.9   | 5.4   |
| Freq. (MHz)  | 241.5 | 223.0 | 241.5 | 223.5 |
| Limit (dB)   | 35.6  | 36.2  | 35.6  | 36.1  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.4   | 6.9   | 4.4   | 6.9   |
| Freq. (MHz)  | 244.0 | 223.5 | 244.0 | 223.5 |
| Limit (dB)   | 32.9  | 33.5  | 32.9  | 33.5  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 36-45 | 45-36 |
| ACR-F (dB)    | 17.6  | 17.6  | 17.8  | 17.6  |
| Freq. (MHz)   | 4.1   | 4.1   | 242.5 | 242.5 |
| Limit (dB)    | 51.9  | 51.9  | 16.5  | 16.5  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 17.9  | 18.5  | 17.9  | 19.2  |
| Freq. (MHz)   | 237.5 | 83.0  | 242.5 | 248.5 |
| Limit (dB)    | 13.7  | 22.8  | 13.5  | 13.3  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 36-45 | 36-78 | 36-45 |
| ACR-N (dB)    | 16.8  | 18.0  | 33.9  | 33.0  |
| Freq. (MHz)   | 3.3   | 4.4   | 241.5 | 223.5 |
| Limit (dB)    | 61.8  | 59.8  | 5.1   | 7.0   |
| Worst Pair    | 36    | 36    | 36    | 36    |
| PS ACR-N (dB) | 17.2  | 19.3  | 33.5  | 34.5  |
| Freq. (MHz)   | 3.8   | 4.3   | 244.0 | 223.5 |
| Limit (dB)    | 58.6  | 57.8  | 2.2   | 4.4   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 12   | 36   | 36    | 36    |
| RL (dB)     | 3.6  | 5.0  | 7.8   | 7.6   |
| Freq. (MHz) | 81.5 | 36.5 | 237.5 | 237.5 |
| Limit (dB)  | 14.9 | 18.2 | 10.2  | 10.2  |

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: 1/201

Date / Time: 11/10/2015 05:36:43 PM

Headroom 5.8 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

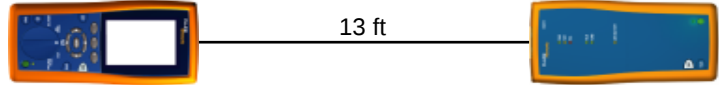
Main S/N: 1233057

Remote S/N: 1233058

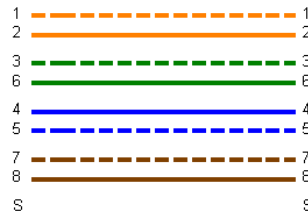
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 13    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 21    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.6  |
| Frequency (MHz)             | [Pair 36] | 238.5 |
| Limit (dB)                  | [Pair 36] | 30.3  |



### Wire Map (T568B) PASS



### Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 12-36 | 36-78 | 12-36 |
| NEXT (dB)    | 5.8   | 7.3   | 5.8   | 7.3   |
| Freq. (MHz)  | 235.5 | 248.5 | 235.5 | 248.5 |
| Limit (dB)   | 35.8  | 35.4  | 35.8  | 35.4  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 5.8   | 7.7   | 5.8   | 8.1   |
| Freq. (MHz)  | 240.5 | 159.0 | 240.5 | 248.5 |
| Limit (dB)   | 33.0  | 36.0  | 33.0  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.7  | 18.7  | 18.7  | 18.7  |
| Freq. (MHz)   | 233.5 | 210.5 | 233.5 | 233.5 |
| Limit (dB)    | 16.8  | 17.7  | 16.8  | 16.8  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 19.0  | 19.9  | 19.0  | 19.9  |
| Freq. (MHz)   | 235.0 | 84.5  | 236.5 | 245.5 |
| Limit (dB)    | 13.8  | 22.7  | 13.7  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 36-78 | 36-78 | 36-78 | 12-36 |
| ACR-N (dB)    | 19.7  | 21.5  | 34.4  | 36.7  |
| Freq. (MHz)   | 3.4   | 30.6  | 235.5 | 248.5 |
| Limit (dB)    | 61.8  | 40.3  | 5.7   | 4.4   |
| Worst Pair    | 36    | 36    | 36    | 36    |
| PS ACR-N (dB) | 20.3  | 22.0  | 34.6  | 37.4  |
| Freq. (MHz)   | 3.6   | 7.8   | 240.5 | 248.5 |
| Limit (dB)    | 58.6  | 52.4  | 2.6   | 1.8   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 12   | 36   | 45    | 36    |
| RL (dB)     | 3.9  | 4.9  | 8.0   | 8.5   |
| Freq. (MHz) | 80.3 | 36.5 | 240.0 | 250.0 |
| Limit (dB)  | 15.0 | 18.2 | 10.2  | 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: 1/203

Date / Time: 11/10/2015 05:37:11 PM

Headroom 5.2 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

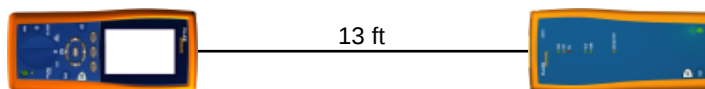
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

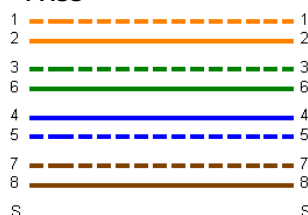
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 13    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 21    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 36] | 0.7   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.4  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 5.2   | 6.6   | 5.2   | 6.6   |
| Freq. (MHz)  | 206.0 | 249.0 | 237.5 | 250.0 |
| Limit (dB)   | 36.7  | 35.4  | 35.7  | 35.3  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 5.6   | 7.3   | 6.4   | 7.4   |
| Freq. (MHz)  | 209.5 | 219.5 | 240.0 | 249.0 |
| Limit (dB)   | 34.0  | 33.6  | 33.0  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.5  | 18.5  | 18.9  | 18.8  |
| Freq. (MHz)   | 4.5   | 4.5   | 235.5 | 235.5 |
| Limit (dB)    | 51.1  | 51.1  | 16.7  | 16.7  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 19.8  | 20.9  | 19.8  | 21.3  |
| Freq. (MHz)   | 235.0 | 221.5 | 235.0 | 235.5 |
| Limit (dB)    | 13.8  | 14.3  | 13.8  | 13.7  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 45-78 | 36-78 | 36-45 |
| ACR-N (dB)    | 16.0  | 17.3  | 33.9  | 36.2  |
| Freq. (MHz)   | 3.5   | 15.6  | 237.5 | 250.0 |
| Limit (dB)    | 61.7  | 47.8  | 5.5   | 4.2   |
| Worst Pair    | 36    | 36    | 36    | 36    |
| PS ACR-N (dB) | 16.4  | 18.1  | 35.2  | 36.8  |
| Freq. (MHz)   | 3.6   | 4.3   | 240.0 | 250.0 |
| Limit (dB)    | 58.6  | 57.8  | 2.6   | 1.6   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 12   | 36   | 36    | 36    |
| RL (dB)     | 5.8  | 4.8  | 8.1   | 7.7   |
| Freq. (MHz) | 79.5 | 35.3 | 233.5 | 250.0 |
| Limit (dB)  | 15.0 | 18.3 | 10.3  | 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 |            |

LinkWare Version 8.0



## Cable ID: 1/204

Date / Time: 11/10/2015 05:38:08 PM

Headroom 4.6 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 12] | 14    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 21    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 0     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.3  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



14 ft



### Wire Map (T568B) PASS

|   |   |
|---|---|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 6 | 6 |
| 4 | 4 |
| 5 | 5 |
| 7 | 7 |
| 8 | 8 |
| S | S |

### Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 4.6   | 8.3   | 4.6   | 8.3   |
| Freq. (MHz)  | 228.0 | 219.5 | 228.0 | 219.5 |
| Limit (dB)   | 36.0  | 36.3  | 36.0  | 36.3  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 5.2   | 9.7   | 5.2   | 9.7   |
| Freq. (MHz)  | 228.0 | 213.0 | 228.0 | 214.0 |
| Limit (dB)   | 33.4  | 33.9  | 33.4  | 33.8  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.7  | 19.6  | 20.3  | 20.2  |
| Freq. (MHz)   | 148.5 | 148.5 | 249.5 | 249.5 |
| Limit (dB)    | 20.8  | 20.8  | 16.2  | 16.2  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 19.8  | 20.7  | 19.8  | 22.1  |
| Freq. (MHz)   | 230.0 | 64.8  | 230.0 | 241.5 |
| Limit (dB)    | 14.0  | 25.0  | 14.0  | 13.5  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 12-36 | 36-78 | 36-45 |
| ACR-N (dB)    | 19.7  | 22.3  | 32.6  | 35.8  |
| Freq. (MHz)   | 7.8   | 16.6  | 228.0 | 219.5 |
| Limit (dB)    | 54.7  | 47.2  | 6.5   | 7.4   |
| Worst Pair    | 36    | 36    | 36    | 36    |
| PS ACR-N (dB) | 20.0  | 22.5  | 33.0  | 36.6  |
| Freq. (MHz)   | 3.9   | 7.8   | 228.0 | 214.0 |
| Limit (dB)    | 58.5  | 52.4  | 3.9   | 5.4   |

| N/A         | MAIN  | SR    | MAIN  | SR    |
|-------------|-------|-------|-------|-------|
| Worst Pair  | 36    | 36    | 36    | 36    |
| RL (dB)     | 5.2   | 4.2   | 5.2   | 4.2   |
| Freq. (MHz) | 250.0 | 250.0 | 250.0 | 250.0 |
| Limit (dB)  | 10.0  | 10.0  | 10.0  | 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: 1/205

Date / Time: 11/10/2015 05:38:35 PM

Headroom 5.0 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

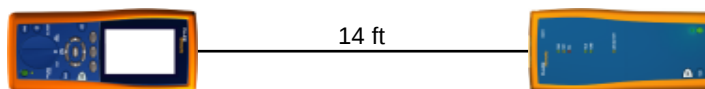
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

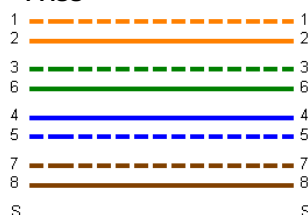
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 12] | 14    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 21    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 0     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.2  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-45 | 12-36 | 36-45 |
| NEXT (dB)    | 5.0   | 7.7   | 5.0   | 7.7   |
| Freq. (MHz)  | 230.0 | 213.0 | 230.0 | 213.0 |
| Limit (dB)   | 35.9  | 36.5  | 35.9  | 36.5  |
| Worst Pair   | 36    | 45    | 36    | 45    |
| PS NEXT (dB) | 4.5   | 8.7   | 4.5   | 8.7   |
| Freq. (MHz)  | 225.5 | 249.0 | 225.5 | 249.0 |
| Limit (dB)   | 33.5  | 32.7  | 33.5  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.0  | 19.0  | 19.8  | 19.7  |
| Freq. (MHz)   | 4.8   | 4.8   | 249.5 | 249.5 |
| Limit (dB)    | 50.7  | 50.7  | 16.2  | 16.2  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 19.6  | 20.2  | 19.9  | 21.5  |
| Freq. (MHz)   | 227.5 | 5.6   | 250.0 | 237.5 |
| Limit (dB)    | 14.0  | 46.2  | 13.2  | 13.7  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-78 | 36-45 | 12-36 | 36-45 |
| ACR-N (dB)    | 20.3  | 19.4  | 32.9  | 34.6  |
| Freq. (MHz)   | 3.6   | 3.5   | 230.0 | 213.0 |
| Limit (dB)    | 61.4  | 61.7  | 6.3   | 8.1   |
| Worst Pair    | 12    | 36    | 36    | 45    |
| PS ACR-N (dB) | 19.8  | 20.4  | 32.2  | 38.1  |
| Freq. (MHz)   | 4.0   | 4.0   | 225.5 | 249.0 |
| Limit (dB)    | 58.3  | 58.3  | 4.1   | 1.7   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 36    | 36   | 36    | 36    |
| RL (dB)     | 4.6   | 3.7  | 4.6   | 3.9   |
| Freq. (MHz) | 250.0 | 34.8 | 250.0 | 248.0 |
| Limit (dB)  | 10.0  | 18.3 | 10.0  | 10.1  |

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 |            |



## Cable ID: 1/206

Date / Time: 11/10/2015 05:39:05 PM

Headroom 4.9 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 12] | 14    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 21    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 0     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.2  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



14 ft



### Wire Map (T568B) PASS

|   |   |
|---|---|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 6 | 6 |
| 4 | 4 |
| 5 | 5 |
| 7 | 7 |
| 8 | 8 |
| S | S |

### Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 4.9   | 6.4   | 4.9   | 6.8   |
| Freq. (MHz)  | 226.0 | 182.5 | 227.0 | 215.0 |
| Limit (dB)   | 36.1  | 37.6  | 36.0  | 36.4  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 6.2   | 7.7   | 6.2   | 8.4   |
| Freq. (MHz)  | 227.0 | 182.5 | 227.0 | 215.0 |
| Limit (dB)   | 33.4  | 35.0  | 33.4  | 33.8  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 36-45 | 45-36 |
| ACR-F (dB)    | 19.0  | 18.9  | 19.4  | 19.1  |
| Freq. (MHz)   | 4.8   | 5.5   | 250.0 | 250.0 |
| Limit (dB)    | 50.7  | 49.4  | 16.2  | 16.2  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 19.1  | 19.2  | 19.1  | 19.6  |
| Freq. (MHz)   | 204.5 | 216.5 | 250.0 | 238.5 |
| Limit (dB)    | 15.0  | 14.5  | 13.2  | 13.6  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 36-78 | 36-78 | 36-78 | 36-45 |
| ACR-N (dB)    | 21.2  | 22.0  | 32.8  | 33.8  |
| Freq. (MHz)   | 2.3   | 29.9  | 227.0 | 215.0 |
| Limit (dB)    | 62.0  | 40.6  | 6.6   | 7.9   |
| Worst Pair    | 36    | 36    | 36    | 36    |
| PS ACR-N (dB) | 22.4  | 22.0  | 33.9  | 38.7  |
| Freq. (MHz)   | 2.6   | 3.8   | 227.0 | 250.0 |
| Limit (dB)    | 59.0  | 58.6  | 4.0   | 1.6   |

| N/A         | MAIN  | SR    | MAIN  | SR    |
|-------------|-------|-------|-------|-------|
| Worst Pair  | 36    | 36    | 36    | 36    |
| RL (dB)     | 5.2   | 4.6   | 5.2   | 4.6   |
| Freq. (MHz) | 250.0 | 248.0 | 250.0 | 249.0 |
| Limit (dB)  | 10.0  | 10.1  | 10.0  | 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: 1/207

Date / Time: 11/10/2015 05:40:41 PM

Headroom 3.6 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

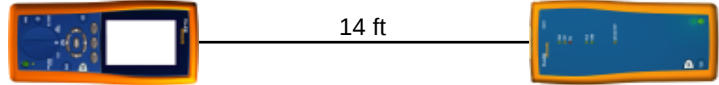
Main S/N: 1233057

Remote S/N: 1233058

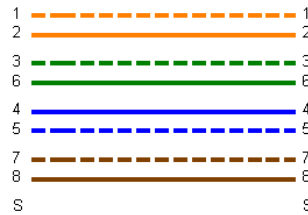
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 14    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 22    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 247.5 |
| Limit (dB)                  | [Pair 36] | 30.9  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-45 | 12-36 | 36-45 |
| NEXT (dB)    | 3.6   | 7.9   | 3.6   | 8.0   |
| Freq. (MHz)  | 249.5 | 235.5 | 249.5 | 240.5 |
| Limit (dB)   | 35.4  | 35.8  | 35.4  | 35.6  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.1   | 8.6   | 4.1   | 8.6   |
| Freq. (MHz)  | 249.5 | 245.0 | 249.5 | 246.0 |
| Limit (dB)   | 32.7  | 32.9  | 32.7  | 32.8  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.1  | 19.1  | 19.6  | 19.5  |
| Freq. (MHz)   | 4.8   | 4.8   | 244.5 | 242.5 |
| Limit (dB)    | 50.7  | 50.7  | 16.4  | 16.5  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 20.0  | 20.6  | 20.0  | 21.5  |
| Freq. (MHz)   | 245.5 | 78.8  | 245.5 | 244.5 |
| Limit (dB)    | 13.4  | 23.3  | 13.4  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 36-45 | 12-36 | 36-45 |
| ACR-N (dB)    | 20.0  | 20.4  | 32.9  | 36.8  |
| Freq. (MHz)   | 4.0   | 3.5   | 249.5 | 240.5 |
| Limit (dB)    | 60.6  | 61.7  | 4.3   | 5.2   |
| Worst Pair    | 36    | 36    | 36    | 36    |
| PS ACR-N (dB) | 19.6  | 19.5  | 33.3  | 37.6  |
| Freq. (MHz)   | 4.0   | 3.9   | 249.5 | 247.5 |
| Limit (dB)    | 58.3  | 58.5  | 1.7   | 1.9   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 45    | 36   | 45    | 36    |
| RL (dB)     | 5.0   | 5.4  | 5.0   | 5.4   |
| Freq. (MHz) | 249.5 | 50.5 | 249.5 | 244.0 |
| Limit (dB)  | 10.0  | 17.0 | 10.0  | 10.1  |

### 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 |            |



## Cable ID: 1/208

Date / Time: 11/10/2015 05:41:06 PM

Headroom 3.5 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

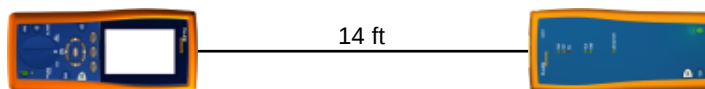
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

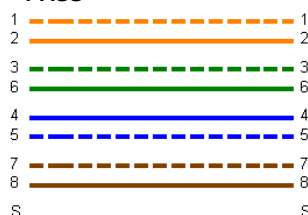
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 14    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 22    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.3  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 3.5   | 9.1   | 3.5   | 9.1   |
| Freq. (MHz)  | 246.0 | 205.0 | 246.0 | 205.0 |
| Limit (dB)   | 35.5  | 36.8  | 35.5  | 36.8  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 3.5   | 10.6  | 3.5   | 10.9  |
| Freq. (MHz)  | 246.5 | 175.0 | 246.5 | 244.5 |
| Limit (dB)   | 32.8  | 35.3  | 32.8  | 32.9  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.3  | 19.2  | 19.7  | 19.6  |
| Freq. (MHz)   | 140.0 | 140.0 | 241.0 | 241.0 |
| Limit (dB)    | 21.3  | 21.3  | 16.5  | 16.5  |
| Worst Pair    | 45    | 12    | 45    | 12    |
| PS ACR-F (dB) | 19.8  | 20.6  | 19.8  | 20.6  |
| Freq. (MHz)   | 243.0 | 120.5 | 243.0 | 242.0 |
| Limit (dB)    | 13.5  | 19.6  | 13.5  | 13.5  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 36-78 | 36-45 | 36-78 | 36-45 |
| ACR-N (dB)    | 21.6  | 19.8  | 32.8  | 35.4  |
| Freq. (MHz)   | 2.6   | 3.5   | 246.0 | 205.0 |
| Limit (dB)    | 62.0  | 61.7  | 4.6   | 9.0   |
| Worst Pair    | 36    | 36    | 36    | 36    |
| PS ACR-N (dB) | 20.5  | 20.8  | 32.5  | 39.8  |
| Freq. (MHz)   | 4.0   | 3.9   | 246.5 | 244.5 |
| Limit (dB)    | 58.3  | 58.5  | 2.0   | 2.2   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 12   | 36   | 36    | 36    |
| RL (dB)     | 5.5  | 4.9  | 6.6   | 6.2   |
| Freq. (MHz) | 76.3 | 33.5 | 242.0 | 241.5 |
| Limit (dB)  | 15.2 | 18.4 | 10.2  | 10.2  |

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: 1/209

Date / Time: 11/10/2015 05:41:31 PM

Headroom 3.7 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

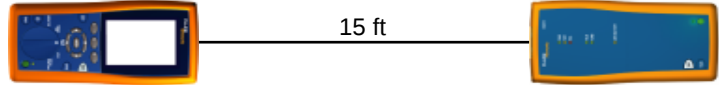
Main S/N: 1233057

Remote S/N: 1233058

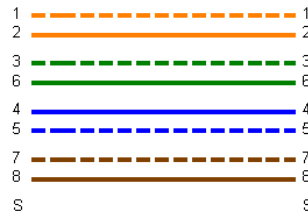
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 12] | 15    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 22    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 0     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.3  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 12-36 | 36-45 | 12-36 | 36-45 |
| <b>NEXT (dB)</b>    | 3.7   | 5.3   | 3.7   | 5.3   |
| Freq. (MHz)         | 244.5 | 231.0 | 244.5 | 231.0 |
| Limit (dB)          | 35.5  | 35.9  | 35.5  | 35.9  |
| Worst Pair          | 36    | 36    | 36    | 36    |
| <b>PS NEXT (dB)</b> | 3.7   | 7.0   | 3.7   | 7.0   |
| Freq. (MHz)         | 244.5 | 230.0 | 244.5 | 230.0 |
| Limit (dB)          | 32.9  | 33.3  | 32.9  | 33.3  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-12 | 12-45 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 18.9  | 18.9  | 19.3  | 19.2  |
| Freq. (MHz)          | 8.3   | 9.4   | 241.0 | 241.0 |
| Limit (dB)           | 45.9  | 44.8  | 16.5  | 16.5  |
| Worst Pair           | 45    | 45    | 45    | 45    |
| <b>PS ACR-F (dB)</b> | 18.9  | 19.3  | 18.9  | 20.5  |
| Freq. (MHz)          | 242.0 | 24.4  | 242.0 | 249.5 |
| Limit (dB)           | 13.5  | 33.5  | 13.5  | 13.2  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-36 | 36-45 | 12-36 | 36-45 |
| <b>ACR-N (dB)</b>    | 20.0  | 20.0  | 32.6  | 33.4  |
| Freq. (MHz)          | 4.0   | 3.5   | 244.5 | 231.0 |
| Limit (dB)           | 60.6  | 61.7  | 4.8   | 6.2   |
| Worst Pair           | 36    | 36    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 19.4  | 20.3  | 32.6  | 35.0  |
| Freq. (MHz)          | 4.0   | 4.0   | 244.5 | 230.0 |
| Limit (dB)           | 58.3  | 58.3  | 2.2   | 3.7   |

| <b>N/A</b>     | MAIN | SR   | MAIN  | SR    |
|----------------|------|------|-------|-------|
| Worst Pair     | 12   | 36   | 45    | 36    |
| <b>RL (dB)</b> | 5.4  | 5.4  | 7.7   | 7.4   |
| Freq. (MHz)    | 75.5 | 33.3 | 246.5 | 241.5 |
| Limit (dB)     | 15.2 | 18.4 | 10.1  | 10.2  |

### 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: 1/210

Date / Time: 11/10/2015 05:42:00 PM

Headroom 4.3 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

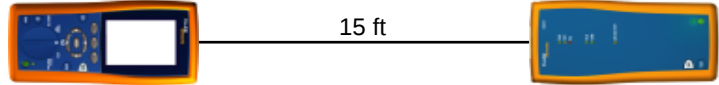
Main S/N: 1233057

Remote S/N: 1233058

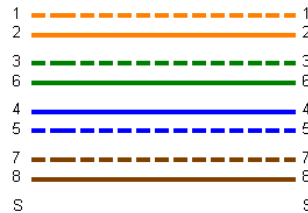
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 12] | 15    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 22    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 0     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.8  |
| Frequency (MHz)             | [Pair 36] | 244.5 |
| Limit (dB)                  | [Pair 36] | 30.7  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 36-78 | 36-45 | 36-78 | 36-45 |
| <b>NEXT (dB)</b>    | 4.3   | 7.5   | 4.3   | 7.6   |
| Freq. (MHz)         | 244.0 | 232.0 | 246.5 | 236.5 |
| Limit (dB)          | 35.5  | 35.9  | 35.4  | 35.7  |
| Worst Pair          | 36    | 45    | 36    | 45    |
| <b>PS NEXT (dB)</b> | 4.9   | 8.1   | 4.9   | 8.1   |
| Freq. (MHz)         | 217.0 | 238.5 | 246.0 | 238.5 |
| Limit (dB)          | 33.7  | 33.0  | 32.8  | 33.0  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-12 | 12-45 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 18.3  | 18.3  | 18.9  | 18.8  |
| Freq. (MHz)          | 5.5   | 9.3   | 241.0 | 241.0 |
| Limit (dB)           | 49.4  | 44.9  | 16.5  | 16.5  |
| Worst Pair           | 45    | 45    | 45    | 12    |
| <b>PS ACR-F (dB)</b> | 20.1  | 20.6  | 20.1  | 21.4  |
| Freq. (MHz)          | 240.5 | 10.5  | 241.0 | 241.0 |
| Limit (dB)           | 13.6  | 40.8  | 13.5  | 13.5  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-78 | 45-78 | 36-78 | 36-45 |
| <b>ACR-N (dB)</b>    | 19.2  | 19.8  | 33.5  | 36.1  |
| Freq. (MHz)          | 3.6   | 3.6   | 246.5 | 236.5 |
| Limit (dB)           | 61.4  | 61.4  | 4.6   | 5.6   |
| Worst Pair           | 78    | 45    | 36    | 45    |
| <b>PS ACR-N (dB)</b> | 20.1  | 19.5  | 33.9  | 36.7  |
| Freq. (MHz)          | 3.5   | 3.9   | 246.0 | 238.5 |
| Limit (dB)           | 58.7  | 58.5  | 2.0   | 2.8   |

| <b>N/A</b>     | MAIN  | SR    | MAIN  | SR    |
|----------------|-------|-------|-------|-------|
| Worst Pair     | 36    | 36    | 36    | 36    |
| <b>RL (dB)</b> | 4.7   | 4.3   | 4.7   | 4.3   |
| Freq. (MHz)    | 240.5 | 240.5 | 240.5 | 240.5 |
| Limit (dB)     | 10.2  | 10.2  | 10.2  | 10.2  |

### 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: 1/211

Date / Time: 11/10/2015 05:42:23 PM

Headroom 4.0 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

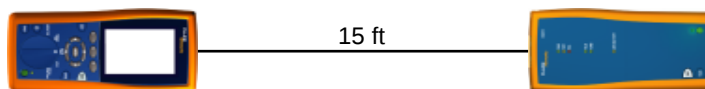
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

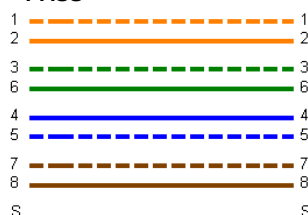
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 15    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 23    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.5  |
| Frequency (MHz)             | [Pair 36] | 240.0 |
| Limit (dB)                  | [Pair 36] | 30.4  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 4.0   | 7.8   | 4.0   | 7.8   |
| Freq. (MHz)  | 241.0 | 227.0 | 241.0 | 227.0 |
| Limit (dB)   | 35.6  | 36.0  | 35.6  | 36.0  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.6   | 8.6   | 4.6   | 8.7   |
| Freq. (MHz)  | 241.0 | 197.5 | 241.0 | 238.5 |
| Limit (dB)   | 33.0  | 34.4  | 33.0  | 33.0  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.3  | 19.3  | 19.7  | 19.6  |
| Freq. (MHz)   | 119.0 | 119.0 | 236.0 | 236.0 |
| Limit (dB)    | 22.7  | 22.7  | 16.7  | 16.7  |
| Worst Pair    | 45    | 12    | 45    | 12    |
| PS ACR-F (dB) | 20.5  | 20.8  | 20.5  | 20.8  |
| Freq. (MHz)   | 238.0 | 119.0 | 238.5 | 236.5 |
| Limit (dB)    | 13.7  | 19.7  | 13.6  | 13.7  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-78 | 36-45 | 36-78 | 36-45 |
| ACR-N (dB)    | 19.6  | 19.0  | 32.9  | 35.6  |
| Freq. (MHz)   | 3.4   | 3.6   | 241.0 | 227.0 |
| Limit (dB)    | 61.8  | 61.4  | 5.1   | 6.6   |
| Worst Pair    | 45    | 45    | 36    | 36    |
| PS ACR-N (dB) | 20.0  | 19.1  | 33.3  | 37.0  |
| Freq. (MHz)   | 3.6   | 3.9   | 241.0 | 238.5 |
| Limit (dB)    | 58.6  | 58.5  | 2.5   | 2.8   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 12   | 36   | 45    | 36    |
| RL (dB)     | 5.6  | 5.1  | 7.4   | 7.8   |
| Freq. (MHz) | 74.8 | 33.0 | 244.0 | 239.0 |
| Limit (dB)  | 15.3 | 18.4 | 10.1  | 10.2  |

### 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: 1/212

Date / Time: 11/10/2015 05:42:51 PM

Headroom 3.8 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

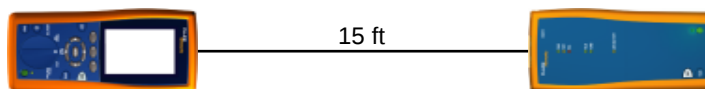
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

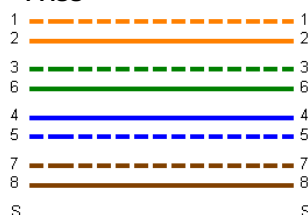
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 15    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 23    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.8  |
| Frequency (MHz)             | [Pair 36] | 242.5 |
| Limit (dB)                  | [Pair 36] | 30.6  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 3.8   | 6.9   | 3.8   | 6.9   |
| Freq. (MHz)  | 238.5 | 196.5 | 238.5 | 228.5 |
| Limit (dB)   | 35.7  | 37.1  | 35.7  | 36.0  |
| Worst Pair   | 36    | 36    | 36    | 12    |
| PS NEXT (dB) | 4.9   | 8.3   | 4.9   | 9.3   |
| Freq. (MHz)  | 240.0 | 196.0 | 240.0 | 249.0 |
| Limit (dB)   | 33.0  | 34.5  | 33.0  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.6  | 18.6  | 19.0  | 18.9  |
| Freq. (MHz)   | 6.6   | 137.0 | 236.0 | 236.0 |
| Limit (dB)    | 47.8  | 21.5  | 16.7  | 16.7  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 20.0  | 20.4  | 20.0  | 21.3  |
| Freq. (MHz)   | 237.5 | 8.3   | 237.5 | 236.0 |
| Limit (dB)    | 13.7  | 42.9  | 13.7  | 13.7  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-78 | 36-45 | 36-78 | 36-45 |
| ACR-N (dB)    | 22.5  | 21.0  | 32.5  | 34.8  |
| Freq. (MHz)   | 3.6   | 3.6   | 238.5 | 228.5 |
| Limit (dB)    | 61.4  | 61.4  | 5.4   | 6.5   |
| Worst Pair    | 12    | 36    | 36    | 12    |
| PS ACR-N (dB) | 21.9  | 21.9  | 33.5  | 38.6  |
| Freq. (MHz)   | 4.0   | 7.8   | 240.0 | 249.0 |
| Limit (dB)    | 58.3  | 52.4  | 2.6   | 1.7   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 12   | 36   | 45    | 36    |
| RL (dB)     | 5.8  | 4.8  | 6.4   | 7.6   |
| Freq. (MHz) | 74.3 | 33.3 | 177.5 | 238.0 |
| Limit (dB)  | 15.3 | 18.4 | 11.5  | 10.2  |

### 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: 1/213

Date / Time: 11/10/2015 05:43:21 PM

Headroom **4.9 dB (NEXT 12-36)**

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

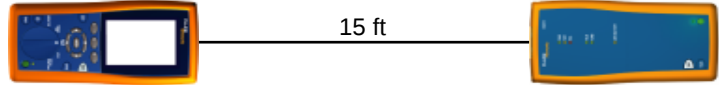
Main S/N: 1233057

Remote S/N: 1233058

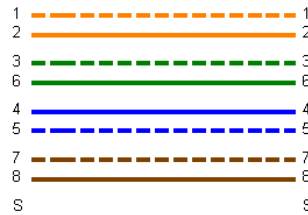
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 15    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 23    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.3  |
| Frequency (MHz)             | [Pair 36] | 237.0 |
| Limit (dB)                  | [Pair 36] | 30.2  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| PASS                | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 12-36 | 36-45 | 12-36 | 36-45 |
| <b>NEXT (dB)</b>    | 4.9   | 6.7   | 4.9   | 6.7   |
| Freq. (MHz)         | 241.0 | 196.5 | 241.0 | 196.5 |
| Limit (dB)          | 35.6  | 37.1  | 35.6  | 37.1  |
| Worst Pair          | 36    | 36    | 36    | 36    |
| <b>PS NEXT (dB)</b> | 4.8   | 9.0   | 4.8   | 9.0   |
| Freq. (MHz)         | 241.0 | 196.5 | 241.0 | 196.5 |
| Limit (dB)          | 33.0  | 34.4  | 33.0  | 34.4  |

| PASS                 | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 36-45 | 45-36 | 36-45 | 45-36 |
| <b>ACR-F (dB)</b>    | 18.6  | 18.4  | 18.6  | 18.4  |
| Freq. (MHz)          | 240.5 | 240.5 | 241.5 | 240.5 |
| Limit (dB)           | 16.6  | 16.6  | 16.5  | 16.6  |
| Worst Pair           | 45    | 45    | 45    | 45    |
| <b>PS ACR-F (dB)</b> | 19.0  | 19.9  | 19.0  | 20.6  |
| Freq. (MHz)          | 237.5 | 17.3  | 240.5 | 243.5 |
| Limit (dB)           | 13.7  | 36.5  | 13.6  | 13.5  |

| N/A                  | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-78 | 36-45 | 12-36 | 36-45 |
| <b>ACR-N (dB)</b>    | 21.5  | 20.1  | 33.6  | 32.3  |
| Freq. (MHz)          | 3.6   | 3.5   | 241.0 | 196.5 |
| Limit (dB)           | 61.4  | 61.7  | 5.1   | 10.0  |
| Worst Pair           | 36    | 45    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 21.4  | 20.0  | 33.5  | 34.4  |
| Freq. (MHz)          | 2.9   | 3.9   | 241.0 | 196.5 |
| Limit (dB)           | 59.0  | 58.5  | 2.5   | 7.4   |

| N/A            | MAIN | SR   | MAIN  | SR    |
|----------------|------|------|-------|-------|
| Worst Pair     | 12   | 36   | 36    | 36    |
| <b>RL (dB)</b> | 5.9  | 4.8  | 7.6   | 7.5   |
| Freq. (MHz)    | 73.3 | 33.3 | 236.0 | 236.0 |
| Limit (dB)     | 15.4 | 18.4 | 10.3  | 10.3  |

### 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: 1/214

Date / Time: 11/10/2015 05:43:46 PM

Headroom 5.7 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

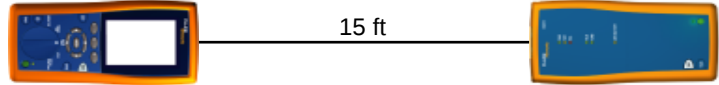
Main S/N: 1233057

Remote S/N: 1233058

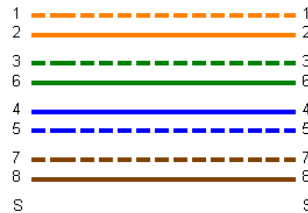
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 15    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 23    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.4  |
| Frequency (MHz)             | [Pair 36] | 238.5 |
| Limit (dB)                  | [Pair 36] | 30.3  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 36-78 | 36-45 | 36-78 | 36-45 |
| <b>NEXT (dB)</b>    | 5.7   | 7.4   | 5.7   | 8.3   |
| Freq. (MHz)         | 235.5 | 196.5 | 235.5 | 249.5 |
| Limit (dB)          | 35.8  | 37.1  | 35.8  | 35.4  |
| Worst Pair          | 36    | 36    | 36    | 36    |
| <b>PS NEXT (dB)</b> | 6.7   | 8.3   | 6.7   | 8.3   |
| Freq. (MHz)         | 239.5 | 249.5 | 239.5 | 249.5 |
| Limit (dB)          | 33.0  | 32.7  | 33.0  | 32.7  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-12 | 12-45 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 19.6  | 19.6  | 19.9  | 19.8  |
| Freq. (MHz)          | 6.6   | 9.3   | 233.5 | 233.5 |
| Limit (dB)           | 47.8  | 44.9  | 16.8  | 16.8  |
| Worst Pair           | 45    | 45    | 45    | 45    |
| <b>PS ACR-F (dB)</b> | 20.2  | 20.7  | 20.2  | 21.2  |
| Freq. (MHz)          | 236.5 | 75.3  | 239.0 | 243.0 |
| Limit (dB)           | 13.7  | 23.7  | 13.6  | 13.5  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-78 | 36-45 | 36-78 | 36-45 |
| <b>ACR-N (dB)</b>    | 21.9  | 20.4  | 34.2  | 37.7  |
| Freq. (MHz)          | 3.5   | 3.9   | 235.5 | 249.5 |
| Limit (dB)           | 61.7  | 60.8  | 5.7   | 4.3   |
| Worst Pair           | 12    | 36    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 22.4  | 21.6  | 35.2  | 37.6  |
| Freq. (MHz)          | 3.5   | 3.9   | 239.5 | 249.5 |
| Limit (dB)           | 58.7  | 58.5  | 2.7   | 1.7   |

| <b>N/A</b>     | MAIN | SR   | MAIN  | SR    |
|----------------|------|------|-------|-------|
| Worst Pair     | 12   | 36   | 36    | 36    |
| <b>RL (dB)</b> | 6.1  | 5.2  | 7.1   | 7.2   |
| Freq. (MHz)    | 73.3 | 33.0 | 236.0 | 235.5 |
| Limit (dB)     | 15.4 | 18.4 | 10.3  | 10.3  |

### 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: 1/215

Date / Time: 11/10/2015 05:44:11 PM

Headroom 4.3 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

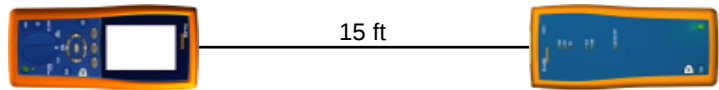
Main S/N: 1233057

Remote S/N: 1233058

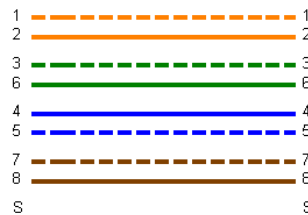
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 15    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 23    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.2  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 4.3   | 9.1   | 4.3   | 9.9   |
| Freq. (MHz)  | 207.5 | 195.5 | 207.5 | 250.0 |
| Limit (dB)   | 36.7  | 37.1  | 36.7  | 35.3  |
| Worst Pair   | 36    | 36    | 36    | 12    |
| PS NEXT (dB) | 5.3   | 9.9   | 5.8   | 10.7  |
| Freq. (MHz)  | 207.0 | 142.0 | 236.0 | 242.0 |
| Limit (dB)   | 34.1  | 36.8  | 33.1  | 32.9  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 20.2  | 20.1  | 20.5  | 20.4  |
| Freq. (MHz)   | 135.5 | 135.5 | 230.0 | 230.0 |
| Limit (dB)    | 21.6  | 21.6  | 17.0  | 17.0  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 21.1  | 21.8  | 21.1  | 23.2  |
| Freq. (MHz)   | 232.0 | 87.3  | 232.0 | 245.0 |
| Limit (dB)    | 13.9  | 22.4  | 13.9  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 36-78 | 36-45 | 36-78 | 36-45 |
| ACR-N (dB)    | 21.8  | 21.7  | 30.8  | 39.3  |
| Freq. (MHz)   | 2.6   | 3.5   | 207.5 | 250.0 |
| Limit (dB)    | 62.0  | 61.7  | 8.7   | 4.2   |
| Worst Pair    | 78    | 36    | 36    | 12    |
| PS ACR-N (dB) | 22.2  | 22.4  | 34.1  | 39.5  |
| Freq. (MHz)   | 2.6   | 3.9   | 236.0 | 242.0 |
| Limit (dB)    | 59.0  | 58.5  | 3.0   | 2.4   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 45    | 36   | 45    | 36    |
| RL (dB)     | 6.2   | 4.4  | 6.2   | 6.5   |
| Freq. (MHz) | 174.5 | 32.3 | 174.5 | 250.0 |
| Limit (dB)  | 11.6  | 18.5 | 11.6  | 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: 1/216

Date / Time: 11/10/2015 05:44:40 PM

Headroom 4.7 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 12] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 23    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 0     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.2  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



16 ft



### Wire Map (T568B) PASS

|   |   |
|---|---|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 6 | 6 |
| 4 | 4 |
| 5 | 5 |
| 7 | 7 |
| 8 | 8 |
| S | S |

### Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 4.7   | 7.3   | 4.7   | 7.3   |
| Freq. (MHz)  | 230.5 | 219.5 | 230.5 | 219.5 |
| Limit (dB)   | 35.9  | 36.3  | 35.9  | 36.3  |
| Worst Pair   | 36    | 45    | 36    | 45    |
| PS NEXT (dB) | 5.6   | 8.7   | 5.6   | 8.9   |
| Freq. (MHz)  | 231.0 | 222.0 | 231.0 | 250.0 |
| Limit (dB)   | 33.3  | 33.6  | 33.3  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.9  | 19.9  | 20.7  | 20.6  |
| Freq. (MHz)   | 5.3   | 8.3   | 249.5 | 249.5 |
| Limit (dB)    | 49.8  | 45.9  | 16.2  | 16.2  |
| Worst Pair    | 45    | 12    | 45    | 12    |
| PS ACR-F (dB) | 20.7  | 21.3  | 20.7  | 22.0  |
| Freq. (MHz)   | 231.0 | 148.5 | 233.5 | 249.5 |
| Limit (dB)    | 13.9  | 17.8  | 13.8  | 13.2  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-78 | 45-78 | 36-78 | 36-45 |
| ACR-N (dB)    | 18.7  | 19.8  | 32.8  | 34.6  |
| Freq. (MHz)   | 3.5   | 3.5   | 230.5 | 219.5 |
| Limit (dB)    | 61.7  | 61.7  | 6.2   | 7.4   |
| Worst Pair    | 78    | 45    | 36    | 45    |
| PS ACR-N (dB) | 18.9  | 19.5  | 33.5  | 38.3  |
| Freq. (MHz)   | 3.8   | 3.9   | 231.0 | 250.0 |
| Limit (dB)    | 58.6  | 58.5  | 3.6   | 1.6   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 45    | 36   | 36    | 36    |
| RL (dB)     | 6.1   | 4.6  | 6.9   | 5.5   |
| Freq. (MHz) | 171.0 | 32.0 | 250.0 | 250.0 |
| Limit (dB)  | 11.7  | 18.5 | 10.0  | 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: 1/217

Date / Time: 11/10/2015 05:45:14 PM

Headroom 3.3 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 12] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 23    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 0     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.2  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



16 ft



### Wire Map (T568B) PASS

|   |   |
|---|---|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 6 | 6 |
| 4 | 4 |
| 5 | 5 |
| 7 | 7 |
| 8 | 8 |
| S | S |

### Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-45 | 12-36 | 36-45 |
| NEXT (dB)    | 3.3   | 7.5   | 3.3   | 8.2   |
| Freq. (MHz)  | 228.5 | 217.5 | 228.5 | 248.0 |
| Limit (dB)   | 36.0  | 36.3  | 36.0  | 35.4  |
| Worst Pair   | 36    | 45    | 36    | 45    |
| PS NEXT (dB) | 3.0   | 8.8   | 3.0   | 8.9   |
| Freq. (MHz)  | 228.5 | 220.0 | 229.5 | 249.0 |
| Limit (dB)   | 33.4  | 33.6  | 33.3  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-36 | 36-45 | 45-36 | 36-45 |
| ACR-F (dB)    | 17.5  | 17.5  | 17.5  | 17.5  |
| Freq. (MHz)   | 238.0 | 238.0 | 238.0 | 238.0 |
| Limit (dB)    | 16.7  | 16.7  | 16.7  | 16.7  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 18.6  | 19.0  | 18.6  | 19.0  |
| Freq. (MHz)   | 232.5 | 238.0 | 233.0 | 238.0 |
| Limit (dB)    | 13.9  | 13.7  | 13.8  | 13.7  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 36-45 | 12-36 | 36-45 |
| ACR-N (dB)    | 21.3  | 20.4  | 31.0  | 37.5  |
| Freq. (MHz)   | 3.9   | 3.9   | 228.5 | 248.0 |
| Limit (dB)    | 60.8  | 60.8  | 6.5   | 4.4   |
| Worst Pair    | 36    | 45    | 36    | 45    |
| PS ACR-N (dB) | 22.0  | 20.4  | 30.8  | 38.2  |
| Freq. (MHz)   | 11.8  | 4.0   | 229.5 | 249.0 |
| Limit (dB)    | 48.4  | 58.3  | 3.7   | 1.7   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 36    | 36   | 36    | 36    |
| RL (dB)     | 5.8   | 5.0  | 5.8   | 5.1   |
| Freq. (MHz) | 250.0 | 32.3 | 250.0 | 250.0 |
| Limit (dB)  | 10.0  | 18.5 | 10.0  | 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: 1/218

Date / Time: 11/10/2015 05:45:41 PM

Headroom 3.8 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

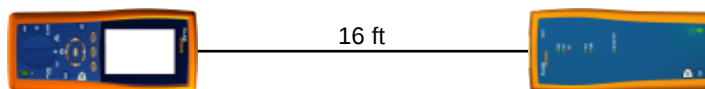
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

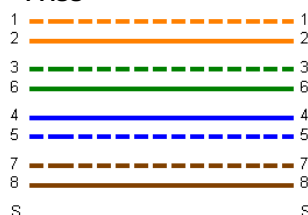
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.6   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.2  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 3.8   | 6.6   | 3.8   | 6.6   |
| Freq. (MHz)  | 229.0 | 218.0 | 229.5 | 218.0 |
| Limit (dB)   | 36.0  | 36.3  | 35.9  | 36.3  |
| Worst Pair   | 36    | 45    | 36    | 45    |
| PS NEXT (dB) | 4.0   | 8.1   | 4.0   | 8.1   |
| Freq. (MHz)  | 229.5 | 218.0 | 229.5 | 218.0 |
| Limit (dB)   | 33.3  | 33.7  | 33.3  | 33.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.2  | 18.3  | 19.5  | 19.4  |
| Freq. (MHz)   | 4.4   | 4.4   | 248.5 | 248.5 |
| Limit (dB)    | 51.4  | 51.4  | 16.3  | 16.3  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 18.9  | 19.0  | 19.4  | 19.8  |
| Freq. (MHz)   | 138.5 | 4.8   | 250.0 | 219.0 |
| Limit (dB)    | 18.4  | 47.7  | 13.2  | 14.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 36-45 | 36-78 | 36-45 |
| ACR-N (dB)    | 23.1  | 23.1  | 31.8  | 33.7  |
| Freq. (MHz)   | 3.3   | 3.4   | 229.5 | 218.0 |
| Limit (dB)    | 61.8  | 61.8  | 6.3   | 7.6   |
| Worst Pair    | 12    | 36    | 36    | 45    |
| PS ACR-N (dB) | 22.2  | 23.8  | 31.8  | 35.2  |
| Freq. (MHz)   | 2.9   | 7.8   | 229.5 | 218.0 |
| Limit (dB)    | 59.0  | 52.4  | 3.7   | 5.0   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 45    | 36   | 45    | 36    |
| RL (dB)     | 4.1   | 4.3  | 4.1   | 5.5   |
| Freq. (MHz) | 171.5 | 32.3 | 172.5 | 250.0 |
| Limit (dB)  | 11.7  | 18.5 | 11.6  | 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: 1/219

Date / Time: 11/10/2015 05:47:29 PM

Headroom 3.3 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

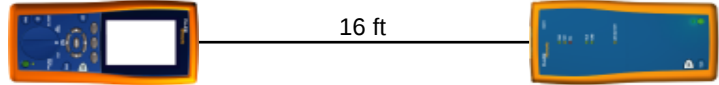
Main S/N: 1233057

Remote S/N: 1233058

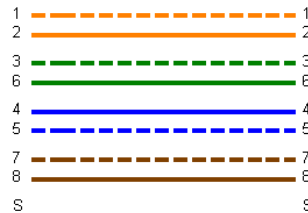
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 29.1  |
| Frequency (MHz)             | [Pair 12] | 249.0 |
| Limit (dB)                  | [Pair 12] | 31.0  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| PASS                | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 36-78 | 36-45 | 36-78 | 36-45 |
| <b>NEXT (dB)</b>    | 3.3   | 6.6   | 3.3   | 6.9   |
| Freq. (MHz)         | 249.5 | 210.0 | 250.0 | 238.0 |
| Limit (dB)          | 35.4  | 36.6  | 35.3  | 35.7  |
| Worst Pair          | 36    | 45    | 36    | 45    |
| <b>PS NEXT (dB)</b> | 3.1   | 8.5   | 3.1   | 8.8   |
| Freq. (MHz)         | 250.0 | 209.0 | 250.0 | 238.5 |
| Limit (dB)          | 32.7  | 34.0  | 32.7  | 33.0  |

| PASS                 | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-12 | 12-45 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 18.3  | 18.4  | 19.4  | 19.3  |
| Freq. (MHz)          | 4.4   | 4.4   | 244.0 | 244.0 |
| Limit (dB)           | 51.4  | 51.4  | 16.4  | 16.4  |
| Worst Pair           | 45    | 45    | 45    | 45    |
| <b>PS ACR-F (dB)</b> | 19.6  | 19.6  | 19.6  | 21.5  |
| Freq. (MHz)          | 247.5 | 68.5  | 247.5 | 249.0 |
| Limit (dB)           | 13.3  | 24.5  | 13.3  | 13.3  |

| N/A                  | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 36-78 | 36-78 | 36-78 | 36-45 |
| <b>ACR-N (dB)</b>    | 21.9  | 23.4  | 32.7  | 35.4  |
| Freq. (MHz)          | 2.6   | 7.4   | 250.0 | 238.0 |
| Limit (dB)           | 62.0  | 55.2  | 4.2   | 5.5   |
| Worst Pair           | 78    | 36    | 36    | 45    |
| <b>PS ACR-N (dB)</b> | 22.0  | 23.3  | 32.3  | 37.3  |
| Freq. (MHz)          | 3.4   | 7.8   | 250.0 | 238.5 |
| Limit (dB)           | 58.8  | 52.4  | 1.6   | 2.8   |

| N/A            | MAIN  | SR   | MAIN  | SR    |
|----------------|-------|------|-------|-------|
| Worst Pair     | 45    | 36   | 45    | 36    |
| <b>RL (dB)</b> | 5.5   | 5.7  | 5.5   | 7.3   |
| Freq. (MHz)    | 167.5 | 32.3 | 168.0 | 245.0 |
| Limit (dB)     | 11.8  | 18.5 | 11.7  | 10.1  |

### 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 |            |



## Cable ID: 1/220

Date / Time: 11/10/2015 05:48:02 PM

Headroom 4.8 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

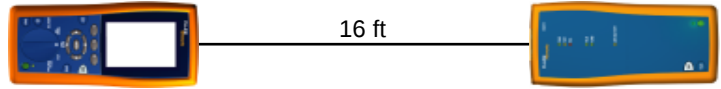
Main S/N: 1233057

Remote S/N: 1233058

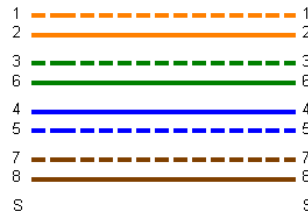
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 29.2  |
| Frequency (MHz)             | [Pair 12] | 250.0 |
| Limit (dB)                  | [Pair 12] | 31.1  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 4.8   | 7.9   | 4.8   | 8.7   |
| Freq. (MHz)  | 246.5 | 210.0 | 246.5 | 240.5 |
| Limit (dB)   | 35.4  | 36.6  | 35.4  | 35.6  |
| Worst Pair   | 36    | 45    | 36    | 45    |
| PS NEXT (dB) | 4.4   | 8.5   | 4.4   | 8.5   |
| Freq. (MHz)  | 246.5 | 240.5 | 246.5 | 240.5 |
| Limit (dB)   | 32.8  | 33.0  | 32.8  | 33.0  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 17.9  | 17.9  | 18.9  | 18.8  |
| Freq. (MHz)   | 4.3   | 4.3   | 241.0 | 241.0 |
| Limit (dB)    | 51.6  | 51.6  | 16.5  | 16.5  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 18.7  | 19.0  | 18.7  | 20.4  |
| Freq. (MHz)   | 243.5 | 4.8   | 243.5 | 249.0 |
| Limit (dB)    | 13.5  | 47.7  | 13.5  | 13.3  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 45-78 | 12-36 | 36-45 |
| ACR-N (dB)    | 21.6  | 22.4  | 33.9  | 37.4  |
| Freq. (MHz)   | 3.1   | 26.3  | 246.0 | 240.5 |
| Limit (dB)    | 61.9  | 42.1  | 4.6   | 5.2   |
| Worst Pair    | 36    | 78    | 36    | 45    |
| PS ACR-N (dB) | 22.3  | 21.4  | 33.3  | 37.2  |
| Freq. (MHz)   | 2.9   | 3.8   | 246.5 | 240.5 |
| Limit (dB)    | 59.0  | 58.6  | 2.0   | 2.6   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 78   | 36   | 45    | 36    |
| RL (dB)     | 5.8  | 5.3  | 7.3   | 7.3   |
| Freq. (MHz) | 71.5 | 62.3 | 248.5 | 243.0 |
| Limit (dB)  | 15.5 | 16.1 | 10.0  | 10.1  |

### 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 |            |



## Cable ID: 1/221

Date / Time: 11/10/2015 05:48:53 PM

Headroom **4.9 dB (NEXT 12-36)**

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

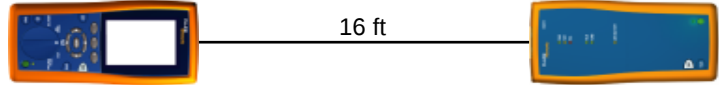
Main S/N: 1233057

Remote S/N: 1233058

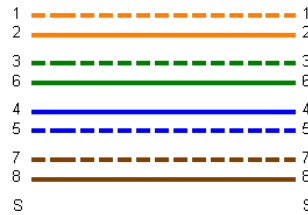
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 12] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 0     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.9  |
| Frequency (MHz)             | [Pair 36] | 247.5 |
| Limit (dB)                  | [Pair 36] | 30.9  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 12-36 | 36-45 | 12-36 | 12-36 |
| <b>NEXT (dB)</b>    | 4.9   | 8.7   | 4.9   | 9.2   |
| Freq. (MHz)         | 245.5 | 207.5 | 245.5 | 250.0 |
| Limit (dB)          | 35.5  | 36.7  | 35.5  | 35.3  |
| Worst Pair          | 36    | 36    | 36    | 36    |
| <b>PS NEXT (dB)</b> | 4.7   | 9.6   | 4.7   | 9.9   |
| Freq. (MHz)         | 245.0 | 231.0 | 245.5 | 242.0 |
| Limit (dB)          | 32.9  | 33.3  | 32.8  | 32.9  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-45 | 45-12 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 19.0  | 18.9  | 19.8  | 19.7  |
| Freq. (MHz)          | 4.8   | 4.8   | 240.0 | 240.0 |
| Limit (dB)           | 50.7  | 50.7  | 16.6  | 16.6  |
| Worst Pair           | 45    | 45    | 45    | 45    |
| <b>PS ACR-F (dB)</b> | 19.8  | 20.2  | 19.8  | 21.4  |
| Freq. (MHz)          | 242.0 | 9.4   | 242.0 | 249.5 |
| Limit (dB)           | 13.5  | 41.8  | 13.5  | 13.2  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-78 | 36-78 | 12-36 | 12-36 |
| <b>ACR-N (dB)</b>    | 19.0  | 21.7  | 33.7  | 38.4  |
| Freq. (MHz)          | 3.3   | 3.3   | 245.5 | 250.0 |
| Limit (dB)           | 61.8  | 61.8  | 4.7   | 4.2   |
| Worst Pair           | 12    | 36    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 18.7  | 21.5  | 33.4  | 38.4  |
| Freq. (MHz)          | 4.0   | 4.1   | 245.5 | 242.0 |
| Limit (dB)           | 58.3  | 58.0  | 2.1   | 2.4   |

| <b>N/A</b>     | MAIN | SR   | MAIN  | SR    |
|----------------|------|------|-------|-------|
| Worst Pair     | 78   | 36   | 45    | 36    |
| <b>RL (dB)</b> | 5.3  | 5.4  | 7.1   | 7.1   |
| Freq. (MHz)    | 72.8 | 62.0 | 247.0 | 241.5 |
| Limit (dB)     | 15.4 | 16.1 | 10.1  | 10.2  |

### 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: 1/222

Date / Time: 11/10/2015 05:49:20 PM

Headroom 4.4 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 12] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 0     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.7  |
| Frequency (MHz)             | [Pair 36] | 244.5 |
| Limit (dB)                  | [Pair 36] | 30.7  |



16 ft



### Wire Map (T568B) PASS

|   |   |
|---|---|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 6 | 6 |
| 4 | 4 |
| 5 | 5 |
| 7 | 7 |
| 8 | 8 |
| S | S |

### Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 12-36 |
| NEXT (dB)    | 4.4   | 10.3  | 4.4   | 11.4  |
| Freq. (MHz)  | 244.5 | 132.0 | 244.5 | 250.0 |
| Limit (dB)   | 35.5  | 39.9  | 35.5  | 35.3  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.3   | 10.9  | 4.3   | 11.3  |
| Freq. (MHz)  | 245.0 | 132.5 | 245.5 | 250.0 |
| Limit (dB)   | 32.9  | 37.3  | 32.8  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.9  | 19.0  | 20.2  | 20.1  |
| Freq. (MHz)   | 7.5   | 7.5   | 241.0 | 241.0 |
| Limit (dB)    | 46.7  | 46.7  | 16.5  | 16.5  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 20.3  | 20.7  | 20.4  | 22.2  |
| Freq. (MHz)   | 221.5 | 6.6   | 241.5 | 248.5 |
| Limit (dB)    | 14.3  | 44.8  | 13.5  | 13.3  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 36-78 | 36-78 | 36-78 | 12-36 |
| ACR-N (dB)    | 21.8  | 23.8  | 33.4  | 40.6  |
| Freq. (MHz)   | 1.9   | 1.0   | 244.5 | 250.0 |
| Limit (dB)    | 62.0  | 62.0  | 4.8   | 4.2   |
| Worst Pair    | 78    | 78    | 36    | 36    |
| PS ACR-N (dB) | 22.8  | 22.8  | 33.1  | 40.5  |
| Freq. (MHz)   | 2.8   | 2.9   | 245.5 | 250.0 |
| Limit (dB)    | 59.0  | 59.0  | 2.1   | 1.6   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 36   | 36   | 45    | 36    |
| RL (dB)     | 6.1  | 5.8  | 6.2   | 7.5   |
| Freq. (MHz) | 4.6  | 31.5 | 247.5 | 241.0 |
| Limit (dB)  | 21.0 | 18.5 | 10.1  | 10.2  |

### 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: 1/223

Date / Time: 11/10/2015 05:49:47 PM

Headroom 4.5 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

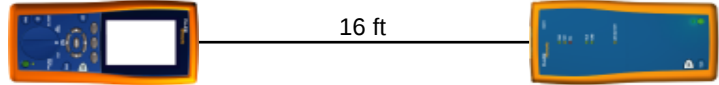
Main S/N: 1233057

Remote S/N: 1233058

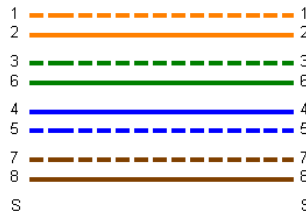
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 25    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
| Insertion Loss Margin (dB)  | [Pair 45] | 28.9  |
| Frequency (MHz)             | [Pair 45] | 247.5 |
| Limit (dB)                  | [Pair 45] | 30.9  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 4.5   | 10.5  | 4.5   | 10.5  |
| Freq. (MHz)  | 191.0 | 232.5 | 244.0 | 232.5 |
| Limit (dB)   | 37.3  | 35.9  | 35.5  | 35.9  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.5   | 11.5  | 4.5   | 11.5  |
| Freq. (MHz)  | 243.0 | 237.5 | 243.0 | 238.5 |
| Limit (dB)   | 32.9  | 33.1  | 32.9  | 33.0  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.7  | 18.7  | 19.5  | 19.4  |
| Freq. (MHz)   | 4.6   | 4.6   | 239.5 | 238.0 |
| Limit (dB)    | 50.9  | 50.9  | 16.6  | 16.7  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 20.5  | 20.6  | 20.6  | 22.0  |
| Freq. (MHz)   | 8.3   | 6.6   | 242.0 | 250.0 |
| Limit (dB)    | 42.9  | 44.8  | 13.5  | 13.2  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 36-78 | 36-78 | 36-78 | 36-45 |
| ACR-N (dB)    | 21.0  | 21.7  | 33.5  | 38.7  |
| Freq. (MHz)   | 1.1   | 1.1   | 244.0 | 232.5 |
| Limit (dB)    | 62.0  | 62.0  | 4.8   | 6.0   |
| Worst Pair    | 78    | 78    | 36    | 36    |
| PS ACR-N (dB) | 21.9  | 22.7  | 33.2  | 39.8  |
| Freq. (MHz)   | 2.3   | 1.1   | 243.0 | 238.5 |
| Limit (dB)    | 59.0  | 59.0  | 2.3   | 2.8   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 45    | 45   | 45    | 45    |
| RL (dB)     | 4.0   | 5.1  | 4.0   | 5.2   |
| Freq. (MHz) | 244.5 | 47.3 | 244.5 | 240.0 |
| Limit (dB)  | 10.1  | 17.3 | 10.1  | 10.2  |

### 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: 1/224

Date / Time: 11/10/2015 05:50:12 PM

Headroom 4.0 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

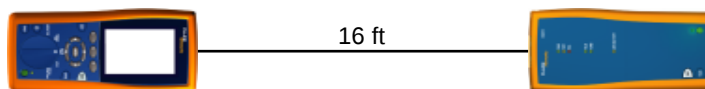
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

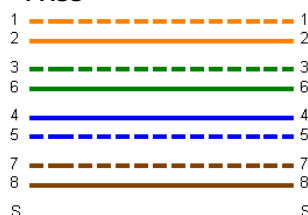
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 25    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.4  |
| Frequency (MHz)             | [Pair 36] | 241.0 |
| Limit (dB)                  | [Pair 36] | 30.4  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 4.0   | 8.6   | 4.0   | 10.1  |
| Freq. (MHz)  | 241.5 | 178.0 | 241.5 | 231.0 |
| Limit (dB)   | 35.6  | 37.8  | 35.6  | 35.9  |
| Worst Pair   | 36    | 45    | 36    | 45    |
| PS NEXT (dB) | 3.9   | 10.1  | 3.9   | 11.5  |
| Freq. (MHz)  | 241.0 | 178.0 | 243.0 | 231.0 |
| Limit (dB)   | 33.0  | 35.2  | 32.9  | 33.3  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.6  | 18.6  | 19.7  | 19.5  |
| Freq. (MHz)   | 4.9   | 4.8   | 239.5 | 237.5 |
| Limit (dB)    | 50.4  | 50.7  | 16.6  | 16.7  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 19.9  | 19.9  | 19.9  | 20.9  |
| Freq. (MHz)   | 240.5 | 184.5 | 240.5 | 243.5 |
| Limit (dB)    | 13.6  | 15.9  | 13.6  | 13.5  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 36-78 | 36-78 | 36-45 |
| ACR-N (dB)    | 21.9  | 23.3  | 32.7  | 38.1  |
| Freq. (MHz)   | 3.4   | 1.1   | 241.5 | 231.0 |
| Limit (dB)    | 61.8  | 62.0  | 5.1   | 6.2   |
| Worst Pair    | 12    | 78    | 36    | 45    |
| PS ACR-N (dB) | 22.4  | 24.2  | 32.4  | 39.5  |
| Freq. (MHz)   | 3.8   | 1.1   | 241.0 | 231.0 |
| Limit (dB)    | 58.6  | 59.0  | 2.5   | 3.6   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 12   | 36   | 36    | 36    |
| RL (dB)     | 5.5  | 5.3  | 8.8   | 8.7   |
| Freq. (MHz) | 85.3 | 78.0 | 239.5 | 238.0 |
| Limit (dB)  | 14.7 | 15.1 | 10.2  | 10.2  |

### 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: 1/225

Date / Time: 11/10/2015 05:51:51 PM

Headroom 5.6 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

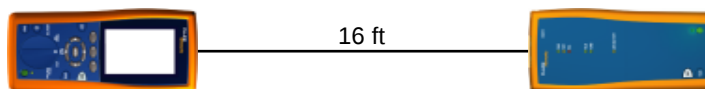
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

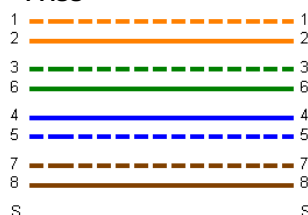
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 248.5 |
| Limit (dB)                  | [Pair 36] | 31.0  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-45 | 12-36 | 12-36 |
| NEXT (dB)    | 5.6   | 9.0   | 5.6   | 10.6  |
| Freq. (MHz)  | 249.5 | 185.0 | 249.5 | 246.0 |
| Limit (dB)   | 35.4  | 37.5  | 35.4  | 35.5  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 5.5   | 10.2  | 5.7   | 10.2  |
| Freq. (MHz)  | 223.0 | 247.0 | 249.5 | 247.0 |
| Limit (dB)   | 33.5  | 32.8  | 32.7  | 32.8  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.1  | 19.1  | 20.8  | 20.7  |
| Freq. (MHz)   | 8.3   | 7.9   | 243.0 | 243.0 |
| Limit (dB)    | 45.9  | 46.3  | 16.5  | 16.5  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 20.1  | 20.3  | 20.1  | 22.7  |
| Freq. (MHz)   | 243.0 | 5.6   | 243.0 | 248.5 |
| Limit (dB)    | 13.5  | 46.2  | 13.5  | 13.3  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 36-45 | 12-36 | 12-36 |
| ACR-N (dB)    | 21.4  | 21.9  | 34.8  | 39.5  |
| Freq. (MHz)   | 3.4   | 4.5   | 249.5 | 246.0 |
| Limit (dB)    | 61.8  | 59.5  | 4.3   | 4.6   |
| Worst Pair    | 12    | 36    | 36    | 36    |
| PS ACR-N (dB) | 21.3  | 22.6  | 34.8  | 39.1  |
| Freq. (MHz)   | 3.4   | 3.9   | 249.5 | 247.0 |
| Limit (dB)    | 58.8  | 58.5  | 1.7   | 1.9   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 36   | 36   | 36    | 36    |
| RL (dB)     | 6.2  | 6.2  | 7.5   | 7.8   |
| Freq. (MHz) | 4.9  | 3.5  | 244.5 | 244.0 |
| Limit (dB)  | 21.0 | 21.0 | 10.1  | 10.1  |

### 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 |            |



## Cable ID: 1/226

Date / Time: 11/10/2015 05:52:17 PM

Headroom 4.3 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

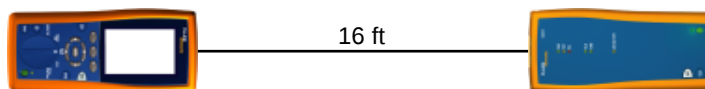
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

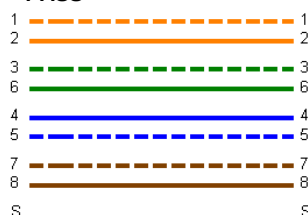
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 29.2  |
| Frequency (MHz)             | [Pair 12] | 250.0 |
| Limit (dB)                  | [Pair 12] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-45 | 12-36 | 36-45 |
| NEXT (dB)    | 4.3   | 9.0   | 4.3   | 9.2   |
| Freq. (MHz)  | 249.5 | 185.0 | 249.5 | 243.5 |
| Limit (dB)   | 35.4  | 37.5  | 35.4  | 35.5  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.4   | 9.8   | 4.4   | 9.9   |
| Freq. (MHz)  | 250.0 | 185.0 | 250.0 | 245.0 |
| Limit (dB)   | 32.7  | 34.9  | 32.7  | 32.9  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.1  | 19.0  | 20.3  | 20.1  |
| Freq. (MHz)   | 5.3   | 5.3   | 244.0 | 244.0 |
| Limit (dB)    | 49.8  | 49.8  | 16.4  | 16.4  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 21.1  | 21.3  | 21.1  | 22.8  |
| Freq. (MHz)   | 246.5 | 6.3   | 246.5 | 243.0 |
| Limit (dB)    | 13.4  | 45.3  | 13.4  | 13.5  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 36-45 | 36-45 | 12-36 | 36-45 |
| ACR-N (dB)    | 21.7  | 18.8  | 33.5  | 38.1  |
| Freq. (MHz)   | 3.8   | 3.5   | 249.5 | 243.5 |
| Limit (dB)    | 61.1  | 61.7  | 4.3   | 4.9   |
| Worst Pair    | 45    | 45    | 36    | 36    |
| PS ACR-N (dB) | 21.9  | 20.1  | 33.6  | 38.9  |
| Freq. (MHz)   | 3.8   | 3.9   | 250.0 | 246.0 |
| Limit (dB)    | 58.6  | 58.5  | 1.6   | 2.0   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 78    | 36   | 45    | 36    |
| RL (dB)     | 5.5   | 6.0  | 7.5   | 7.0   |
| Freq. (MHz) | 132.0 | 16.6 | 232.0 | 188.0 |
| Limit (dB)  | 12.8  | 19.9 | 10.3  | 11.3  |

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: 1/227

Date / Time: 11/10/2015 05:52:45 PM

Headroom 4.5 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

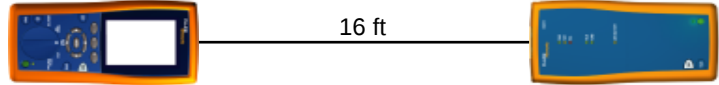
Main S/N: 1233057

Remote S/N: 1233058

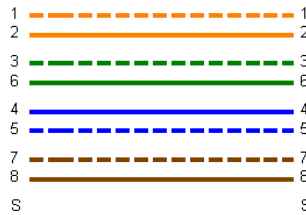
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 29.2  |
| Frequency (MHz)             | [Pair 12] | 250.0 |
| Limit (dB)                  | [Pair 12] | 31.1  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 36-78 | 36-45 | 36-78 | 36-45 |
| <b>NEXT (dB)</b>    | 4.5   | 10.4  | 4.5   | 10.4  |
| Freq. (MHz)         | 225.0 | 238.5 | 225.0 | 238.5 |
| Limit (dB)          | 36.1  | 35.7  | 36.1  | 35.7  |
| Worst Pair          | 36    | 36    | 36    | 36    |
| <b>PS NEXT (dB)</b> | 5.4   | 11.0  | 5.6   | 11.1  |
| Freq. (MHz)         | 225.0 | 184.5 | 250.0 | 211.0 |
| Limit (dB)          | 33.5  | 34.9  | 32.7  | 33.9  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-45 | 78-12 | 12-78 | 78-12 |
| <b>ACR-F (dB)</b>    | 20.3  | 20.2  | 20.4  | 20.2  |
| Freq. (MHz)          | 8.5   | 250.0 | 250.0 | 250.0 |
| Limit (dB)           | 45.6  | 16.2  | 16.2  | 16.2  |
| Worst Pair           | 45    | 12    | 45    | 12    |
| <b>PS ACR-F (dB)</b> | 20.4  | 20.5  | 20.5  | 20.9  |
| Freq. (MHz)          | 227.0 | 135.5 | 248.5 | 250.0 |
| Limit (dB)           | 14.1  | 18.6  | 13.3  | 13.2  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 36-78 | 36-45 | 36-78 | 36-45 |
| <b>ACR-N (dB)</b>    | 23.0  | 22.5  | 32.2  | 39.0  |
| Freq. (MHz)          | 30.6  | 4.1   | 225.0 | 238.5 |
| Limit (dB)           | 40.3  | 60.3  | 6.8   | 5.4   |
| Worst Pair           | 36    | 36    | 36    | 78    |
| <b>PS ACR-N (dB)</b> | 22.9  | 23.7  | 34.8  | 41.7  |
| Freq. (MHz)          | 11.3  | 4.1   | 250.0 | 250.0 |
| Limit (dB)           | 48.8  | 58.0  | 1.6   | 1.6   |

| <b>N/A</b>     | MAIN  | SR   | MAIN  | SR    |
|----------------|-------|------|-------|-------|
| Worst Pair     | 36    | 36   | 36    | 36    |
| <b>RL (dB)</b> | 5.6   | 4.7  | 5.6   | 5.3   |
| Freq. (MHz)    | 188.0 | 46.8 | 188.0 | 189.0 |
| Limit (dB)     | 11.3  | 17.3 | 11.3  | 11.2  |

### 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: 1/228

Date / Time: 11/10/2015 05:53:11 PM

Headroom 4.9 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

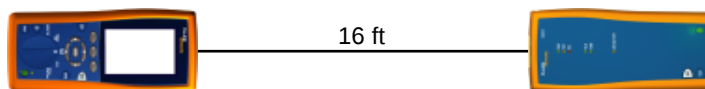
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

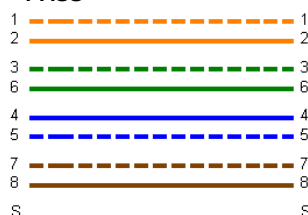
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.9   |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.9  |
| Frequency (MHz)             | [Pair 36] | 247.5 |
| Limit (dB)                  | [Pair 36] | 30.9  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 12-36 | 36-78 | 12-36 |
| NEXT (dB)    | 4.9   | 10.6  | 4.9   | 11.2  |
| Freq. (MHz)  | 223.0 | 226.0 | 223.0 | 250.0 |
| Limit (dB)   | 36.2  | 36.1  | 36.2  | 35.3  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.8   | 10.6  | 4.8   | 10.8  |
| Freq. (MHz)  | 223.0 | 157.0 | 223.0 | 249.5 |
| Limit (dB)   | 33.5  | 36.1  | 33.5  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.6  | 19.6  | 20.3  | 20.1  |
| Freq. (MHz)   | 8.6   | 5.3   | 244.0 | 244.0 |
| Limit (dB)    | 45.5  | 49.8  | 16.4  | 16.4  |
| Worst Pair    | 45    | 12    | 45    | 12    |
| PS ACR-F (dB) | 21.6  | 21.9  | 21.6  | 22.9  |
| Freq. (MHz)   | 245.0 | 8.6   | 245.0 | 244.0 |
| Limit (dB)    | 13.4  | 42.5  | 13.4  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 36-45 | 36-78 | 12-36 |
| ACR-N (dB)    | 22.8  | 20.5  | 32.5  | 40.4  |
| Freq. (MHz)   | 4.1   | 3.9   | 223.0 | 250.0 |
| Limit (dB)    | 60.3  | 60.8  | 7.0   | 4.2   |
| Worst Pair    | 36    | 45    | 36    | 36    |
| PS ACR-N (dB) | 22.0  | 20.8  | 32.1  | 39.9  |
| Freq. (MHz)   | 3.6   | 3.9   | 223.0 | 249.5 |
| Limit (dB)    | 58.6  | 58.5  | 4.4   | 1.7   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 36   | 36   | 36    | 36    |
| RL (dB)     | 6.3  | 6.2  | 6.7   | 6.9   |
| Freq. (MHz) | 4.9  | 46.8 | 245.0 | 243.5 |
| Limit (dB)  | 21.0 | 17.3 | 10.1  | 10.1  |

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 |            |



## Cable ID: 1/229

Date / Time: 11/10/2015 05:53:35 PM

Headroom 4.5 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 29.2  |
| Frequency (MHz)             | [Pair 12] | 250.0 |
| Limit (dB)                  | [Pair 12] | 31.1  |



16 ft



### Wire Map (T568B) PASS

|   |   |
|---|---|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 6 | 6 |
| 4 | 4 |
| 5 | 5 |
| 7 | 7 |
| 8 | 8 |
| S | S |

### Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 12-36 | 36-45 |
| NEXT (dB)    | 4.5   | 7.6   | 4.7   | 7.6   |
| Freq. (MHz)  | 221.5 | 241.5 | 249.0 | 241.5 |
| Limit (dB)   | 36.2  | 35.6  | 35.4  | 35.6  |
| Worst Pair   | 36    | 45    | 36    | 45    |
| PS NEXT (dB) | 4.3   | 8.3   | 4.3   | 8.3   |
| Freq. (MHz)  | 250.0 | 241.5 | 250.0 | 241.5 |
| Limit (dB)   | 32.7  | 33.0  | 32.7  | 33.0  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.6  | 18.6  | 19.7  | 19.5  |
| Freq. (MHz)   | 4.8   | 4.8   | 241.0 | 241.5 |
| Limit (dB)    | 50.7  | 50.7  | 16.5  | 16.5  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 20.4  | 20.6  | 20.4  | 21.2  |
| Freq. (MHz)   | 240.0 | 6.6   | 240.0 | 240.5 |
| Limit (dB)    | 13.6  | 44.8  | 13.6  | 13.6  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-78 | 36-45 | 12-36 | 36-45 |
| ACR-N (dB)    | 20.9  | 19.8  | 33.9  | 36.4  |
| Freq. (MHz)   | 4.0   | 3.5   | 249.0 | 241.5 |
| Limit (dB)    | 60.6  | 61.7  | 4.3   | 5.1   |
| Worst Pair    | 12    | 45    | 36    | 45    |
| PS ACR-N (dB) | 21.8  | 21.3  | 33.5  | 37.1  |
| Freq. (MHz)   | 4.0   | 3.9   | 250.0 | 241.5 |
| Limit (dB)    | 58.3  | 58.5  | 1.6   | 2.5   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 36   | 36   | 45    | 45    |
| RL (dB)     | 6.4  | 6.1  | 6.8   | 8.2   |
| Freq. (MHz) | 4.3  | 47.3 | 249.5 | 246.0 |
| Limit (dB)  | 21.0 | 17.3 | 10.0  | 10.1  |

### 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 |            |



## Cable ID: 1/230

Date / Time: 11/10/2015 05:54:00 PM

Headroom 1.7 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

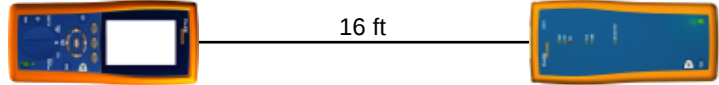
Main S/N: 1233057

Remote S/N: 1233058

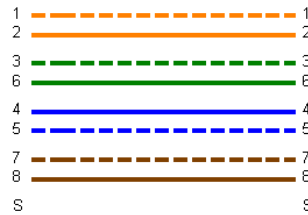
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 248.5 |
| Limit (dB)                  | [Pair 36] | 31.0  |



### Wire Map (T568B) PASS



### Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 12-36 | 12-36 | 12-36 |
| NEXT (dB)    | 1.7   | 7.8   | 1.7   | 7.9   |
| Freq. (MHz)  | 247.0 | 221.5 | 247.0 | 249.5 |
| Limit (dB)   | 35.4  | 36.2  | 35.4  | 35.4  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 2.3   | 8.3   | 2.3   | 8.3   |
| Freq. (MHz)  | 248.0 | 249.5 | 248.0 | 249.5 |
| Limit (dB)   | 32.8  | 32.7  | 32.8  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.2  | 19.2  | 20.3  | 20.1  |
| Freq. (MHz)   | 4.9   | 5.0   | 243.0 | 243.0 |
| Limit (dB)    | 50.4  | 50.2  | 16.5  | 16.5  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 20.3  | 20.7  | 20.3  | 22.2  |
| Freq. (MHz)   | 246.0 | 5.8   | 246.0 | 250.0 |
| Limit (dB)    | 13.4  | 46.0  | 13.4  | 13.2  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 36-45 | 12-36 | 12-36 |
| ACR-N (dB)    | 18.2  | 17.2  | 30.6  | 37.1  |
| Freq. (MHz)   | 3.5   | 3.6   | 247.0 | 249.5 |
| Limit (dB)    | 61.7  | 61.4  | 4.5   | 4.3   |
| Worst Pair    | 36    | 36    | 36    | 36    |
| PS ACR-N (dB) | 17.4  | 18.0  | 31.3  | 37.3  |
| Freq. (MHz)   | 4.0   | 3.8   | 248.0 | 248.5 |
| Limit (dB)    | 58.3  | 58.6  | 1.8   | 1.8   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 36   | 36   | 36    | 36    |
| RL (dB)     | 6.4  | 6.4  | 7.0   | 7.4   |
| Freq. (MHz) | 4.4  | 3.8  | 243.5 | 243.0 |
| Limit (dB)  | 21.0 | 21.0 | 10.1  | 10.1  |

### 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 |            |



## Cable ID: 1/231

Date / Time: 11/10/2015 05:54:25 PM

Headroom 3.2 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

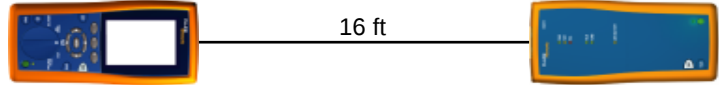
Main S/N: 1233057

Remote S/N: 1233058

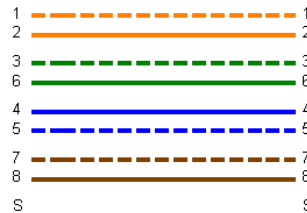
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 29.2  |
| Frequency (MHz)             | [Pair 12] | 249.5 |
| Limit (dB)                  | [Pair 12] | 31.1  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 12-36 | 36-78 | 12-36 | 36-78 |
| <b>NEXT (dB)</b>    | 3.2   | 9.4   | 3.2   | 10.5  |
| Freq. (MHz)         | 249.5 | 162.0 | 249.5 | 249.5 |
| Limit (dB)          | 35.4  | 38.4  | 35.4  | 35.4  |
| Worst Pair          | 36    | 36    | 36    | 36    |
| <b>PS NEXT (dB)</b> | 3.7   | 9.5   | 3.7   | 10.9  |
| Freq. (MHz)         | 249.5 | 161.5 | 249.5 | 242.0 |
| Limit (dB)          | 32.7  | 35.9  | 32.7  | 32.9  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-45 | 45-12 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 18.9  | 18.9  | 20.1  | 20.0  |
| Freq. (MHz)          | 8.6   | 4.9   | 243.5 | 243.5 |
| Limit (dB)           | 45.5  | 50.4  | 16.5  | 16.5  |
| Worst Pair           | 12    | 12    | 45    | 12    |
| <b>PS ACR-F (dB)</b> | 20.5  | 20.5  | 21.2  | 21.2  |
| Freq. (MHz)          | 5.9   | 5.6   | 243.5 | 242.5 |
| Limit (dB)           | 45.8  | 46.2  | 13.5  | 13.5  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-78 | 36-45 | 12-36 | 36-78 |
| <b>ACR-N (dB)</b>    | 19.2  | 18.7  | 32.4  | 39.9  |
| Freq. (MHz)          | 3.6   | 3.4   | 249.5 | 249.5 |
| Limit (dB)           | 61.4  | 61.8  | 4.3   | 4.3   |
| Worst Pair           | 78    | 45    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 19.9  | 20.1  | 32.8  | 39.6  |
| Freq. (MHz)          | 3.9   | 3.9   | 249.5 | 242.0 |
| Limit (dB)           | 58.5  | 58.5  | 1.7   | 2.4   |

| <b>N/A</b>     | MAIN | SR   | MAIN  | SR    |
|----------------|------|------|-------|-------|
| Worst Pair     | 36   | 36   | 36    | 36    |
| <b>RL (dB)</b> | 6.5  | 5.2  | 9.0   | 7.4   |
| Freq. (MHz)    | 4.4  | 47.3 | 244.5 | 188.0 |
| Limit (dB)     | 21.0 | 17.3 | 10.1  | 11.3  |

### 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: 1/232

Date / Time: 11/10/2015 05:54:49 PM

Headroom 4.0 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

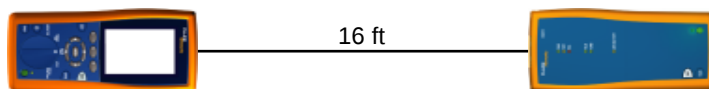
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

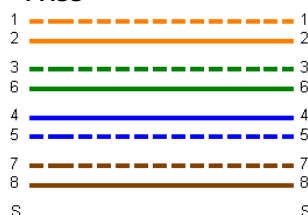
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 248.0 |
| Limit (dB)                  | [Pair 36] | 31.0  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-45 | 12-36 | 36-45 |
| NEXT (dB)    | 4.0   | 10.0  | 4.0   | 10.0  |
| Freq. (MHz)  | 248.0 | 244.0 | 248.0 | 244.0 |
| Limit (dB)   | 35.4  | 35.5  | 35.4  | 35.5  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 3.6   | 9.4   | 3.6   | 9.4   |
| Freq. (MHz)  | 248.0 | 244.5 | 248.0 | 244.5 |
| Limit (dB)   | 32.8  | 32.9  | 32.8  | 32.9  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.5  | 18.5  | 19.7  | 19.5  |
| Freq. (MHz)   | 4.6   | 4.6   | 243.5 | 243.5 |
| Limit (dB)    | 50.9  | 50.9  | 16.5  | 16.5  |
| Worst Pair    | 45    | 12    | 45    | 12    |
| PS ACR-F (dB) | 20.7  | 20.8  | 20.7  | 21.0  |
| Freq. (MHz)   | 130.5 | 130.5 | 243.5 | 246.0 |
| Limit (dB)    | 18.9  | 18.9  | 13.5  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 36-45 | 12-36 | 36-45 |
| ACR-N (dB)    | 22.8  | 20.8  | 33.0  | 39.0  |
| Freq. (MHz)   | 3.4   | 3.6   | 248.0 | 244.0 |
| Limit (dB)    | 61.8  | 61.4  | 4.4   | 4.8   |
| Worst Pair    | 12    | 45    | 36    | 36    |
| PS ACR-N (dB) | 21.9  | 21.1  | 32.6  | 38.2  |
| Freq. (MHz)   | 3.4   | 3.9   | 248.0 | 245.5 |
| Limit (dB)    | 58.8  | 58.5  | 1.8   | 2.1   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 36   | 36   | 45    | 45    |
| RL (dB)     | 6.5  | 5.9  | 7.1   | 8.7   |
| Freq. (MHz) | 4.1  | 62.3 | 249.0 | 245.0 |
| Limit (dB)  | 21.0 | 16.1 | 10.0  | 10.1  |

### 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 |            |



## Cable ID: 1/233

Date / Time: 11/10/2015 05:55:15 PM

Headroom 2.6 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

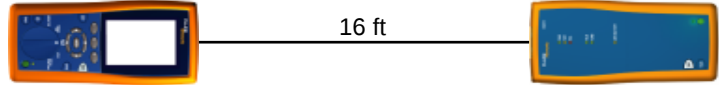
Main S/N: 1233057

Remote S/N: 1233058

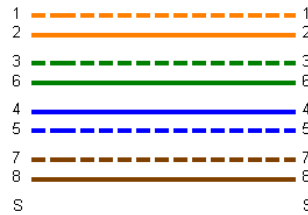
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 248.0 |
| Limit (dB)                  | [Pair 36] | 31.0  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 12-36 | 36-45 | 12-36 | 36-78 |
| <b>NEXT (dB)</b>    | 2.6   | 7.7   | 2.6   | 9.1   |
| Freq. (MHz)         | 247.0 | 182.5 | 247.0 | 249.5 |
| Limit (dB)          | 35.4  | 37.6  | 35.4  | 35.4  |
| Worst Pair          | 36    | 36    | 36    | 36    |
| <b>PS NEXT (dB)</b> | 3.2   | 9.7   | 3.2   | 9.7   |
| Freq. (MHz)         | 247.5 | 245.0 | 247.5 | 248.5 |
| Limit (dB)          | 32.8  | 32.9  | 32.8  | 32.7  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-12 | 12-45 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 19.5  | 19.5  | 20.5  | 20.4  |
| Freq. (MHz)          | 5.5   | 8.3   | 243.0 | 242.5 |
| Limit (dB)           | 49.4  | 45.9  | 16.5  | 16.5  |
| Worst Pair           | 12    | 12    | 45    | 12    |
| <b>PS ACR-F (dB)</b> | 20.3  | 20.2  | 21.4  | 20.6  |
| Freq. (MHz)          | 5.5   | 129.0 | 244.5 | 245.5 |
| Limit (dB)           | 46.4  | 19.0  | 13.4  | 13.4  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-36 | 45-78 | 12-36 | 36-78 |
| <b>ACR-N (dB)</b>    | 22.5  | 24.0  | 31.5  | 38.5  |
| Freq. (MHz)          | 3.9   | 3.3   | 247.0 | 249.5 |
| Limit (dB)           | 60.8  | 61.8  | 4.5   | 4.3   |
| Worst Pair           | 36    | 45    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 22.7  | 23.2  | 32.1  | 38.4  |
| Freq. (MHz)          | 3.9   | 3.9   | 247.5 | 245.5 |
| Limit (dB)           | 58.5  | 58.5  | 1.9   | 2.1   |

| <b>N/A</b>     | MAIN  | SR   | MAIN  | SR    |
|----------------|-------|------|-------|-------|
| Worst Pair     | 45    | 36   | 45    | 36    |
| <b>RL (dB)</b> | 5.8   | 5.9  | 6.6   | 6.4   |
| Freq. (MHz)    | 149.5 | 62.0 | 249.5 | 241.5 |
| Limit (dB)     | 12.3  | 16.1 | 10.0  | 10.2  |

### 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: 1/234

Date / Time: 11/10/2015 05:55:42 PM

Headroom 5.0 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

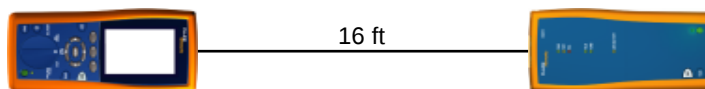
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

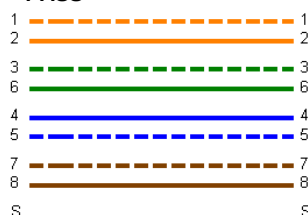
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.6   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.1  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 45-78 | 12-36 | 45-78 |
| NEXT (dB)    | 5.0   | 11.0  | 5.0   | 11.2  |
| Freq. (MHz)  | 250.0 | 216.0 | 250.0 | 245.0 |
| Limit (dB)   | 35.3  | 36.4  | 35.3  | 35.5  |
| Worst Pair   | 36    | 45    | 36    | 45    |
| PS NEXT (dB) | 4.6   | 10.9  | 4.6   | 10.9  |
| Freq. (MHz)  | 250.0 | 245.0 | 250.0 | 245.0 |
| Limit (dB)   | 32.7  | 32.9  | 32.7  | 32.9  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.5  | 18.5  | 19.7  | 19.5  |
| Freq. (MHz)   | 9.1   | 4.8   | 247.0 | 246.5 |
| Limit (dB)    | 45.0  | 50.7  | 16.3  | 16.4  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 19.6  | 19.7  | 19.6  | 20.5  |
| Freq. (MHz)   | 246.5 | 5.5   | 246.5 | 223.5 |
| Limit (dB)    | 13.4  | 46.4  | 13.4  | 14.2  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-78 | 45-78 | 12-36 | 45-78 |
| ACR-N (dB)    | 19.5  | 20.2  | 34.1  | 40.3  |
| Freq. (MHz)   | 3.5   | 3.6   | 250.0 | 245.0 |
| Limit (dB)    | 61.7  | 61.4  | 4.2   | 4.7   |
| Worst Pair    | 12    | 45    | 36    | 45    |
| PS ACR-N (dB) | 20.4  | 20.2  | 33.7  | 40.0  |
| Freq. (MHz)   | 3.5   | 3.9   | 250.0 | 245.0 |
| Limit (dB)    | 58.7  | 58.5  | 1.6   | 2.1   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 45    | 36   | 45    | 36    |
| RL (dB)     | 4.8   | 5.8  | 4.8   | 7.4   |
| Freq. (MHz) | 149.5 | 46.5 | 150.5 | 245.5 |
| Limit (dB)  | 12.3  | 17.3 | 12.2  | 10.1  |

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 |            |



## Cable ID: 1/235

Date / Time: 11/10/2015 05:57:08 PM

Headroom 4.2 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

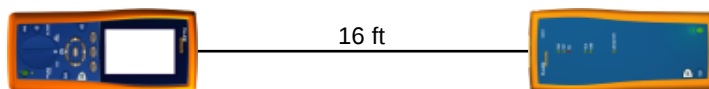
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

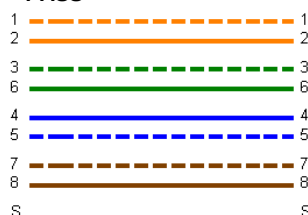
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 29.2  |
| Frequency (MHz)             | [Pair 12] | 250.0 |
| Limit (dB)                  | [Pair 12] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-45 | 12-36 | 36-45 |
| NEXT (dB)    | 4.2   | 8.0   | 4.2   | 8.3   |
| Freq. (MHz)  | 248.5 | 212.0 | 248.5 | 244.0 |
| Limit (dB)   | 35.4  | 36.5  | 35.4  | 35.5  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.0   | 8.7   | 4.0   | 8.7   |
| Freq. (MHz)  | 249.5 | 245.0 | 249.5 | 245.0 |
| Limit (dB)   | 32.7  | 32.9  | 32.7  | 32.9  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.6  | 18.5  | 19.9  | 19.8  |
| Freq. (MHz)   | 4.5   | 4.8   | 245.0 | 245.0 |
| Limit (dB)    | 51.1  | 50.7  | 16.4  | 16.4  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 20.9  | 21.0  | 21.2  | 21.7  |
| Freq. (MHz)   | 6.4   | 6.6   | 245.0 | 245.5 |
| Limit (dB)    | 45.1  | 44.8  | 13.4  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 36-45 | 36-45 | 12-36 | 36-45 |
| ACR-N (dB)    | 20.6  | 18.6  | 33.3  | 37.2  |
| Freq. (MHz)   | 3.6   | 3.5   | 248.5 | 244.0 |
| Limit (dB)    | 61.4  | 61.7  | 4.4   | 4.8   |
| Worst Pair    | 36    | 36    | 36    | 36    |
| PS ACR-N (dB) | 20.1  | 19.2  | 33.1  | 37.6  |
| Freq. (MHz)   | 3.9   | 3.9   | 249.5 | 245.0 |
| Limit (dB)    | 58.5  | 58.5  | 1.7   | 2.1   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 36   | 12   | 45    | 36    |
| RL (dB)     | 6.3  | 6.4  | 7.3   | 8.2   |
| Freq. (MHz) | 4.9  | 3.8  | 249.5 | 244.0 |
| Limit (dB)  | 21.0 | 21.0 | 10.0  | 10.1  |

### 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 |            |



## Cable ID: 1/236

Date / Time: 11/10/2015 05:57:33 PM

Headroom 3.2 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

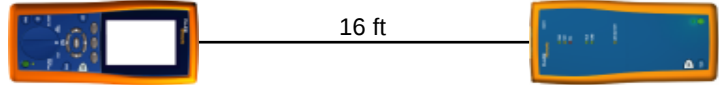
Main S/N: 1233057

Remote S/N: 1233058

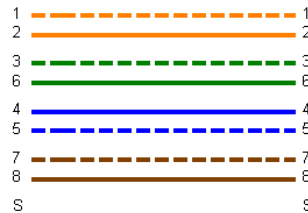
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 29.2  |
| Frequency (MHz)             | [Pair 12] | 250.0 |
| Limit (dB)                  | [Pair 12] | 31.1  |



### Wire Map (T568B) PASS



### Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 12-36 | 12-36 | 12-36 |
| NEXT (dB)    | 3.2   | 8.4   | 3.2   | 8.4   |
| Freq. (MHz)  | 248.5 | 244.0 | 248.5 | 244.0 |
| Limit (dB)   | 35.4  | 35.5  | 35.4  | 35.5  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 3.8   | 8.9   | 3.8   | 8.9   |
| Freq. (MHz)  | 249.0 | 249.0 | 249.0 | 249.0 |
| Limit (dB)   | 32.7  | 32.7  | 32.7  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.9  | 18.9  | 20.2  | 20.1  |
| Freq. (MHz)   | 5.4   | 8.6   | 244.5 | 244.5 |
| Limit (dB)    | 49.6  | 45.5  | 16.4  | 16.4  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 21.2  | 21.2  | 21.3  | 23.0  |
| Freq. (MHz)   | 130.5 | 7.3   | 244.5 | 244.5 |
| Limit (dB)    | 18.9  | 44.0  | 13.4  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-78 | 45-78 | 12-36 | 12-36 |
| ACR-N (dB)    | 18.4  | 19.4  | 32.3  | 37.2  |
| Freq. (MHz)   | 3.4   | 3.5   | 248.5 | 244.0 |
| Limit (dB)    | 61.8  | 61.7  | 4.4   | 4.8   |
| Worst Pair    | 78    | 45    | 36    | 36    |
| PS ACR-N (dB) | 20.1  | 19.6  | 32.9  | 38.0  |
| Freq. (MHz)   | 3.9   | 3.8   | 249.0 | 249.0 |
| Limit (dB)    | 58.5  | 58.6  | 1.7   | 1.7   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 12    | 36   | 36    | 36    |
| RL (dB)     | 6.2   | 6.2  | 7.6   | 7.4   |
| Freq. (MHz) | 148.0 | 47.0 | 244.5 | 243.0 |
| Limit (dB)  | 12.3  | 17.3 | 10.1  | 10.1  |

### 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 |            |



## Cable ID: 1/237

Date / Time: 11/10/2015 05:57:57 PM

Headroom 3.9 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

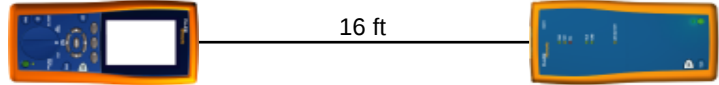
Main S/N: 1233057

Remote S/N: 1233058

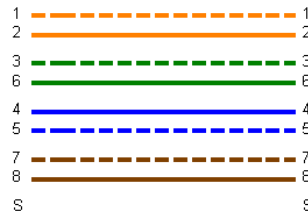
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.9  |
| Frequency (MHz)             | [Pair 36] | 247.5 |
| Limit (dB)                  | [Pair 36] | 30.9  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| PASS                | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 12-36 | 36-45 | 12-36 | 36-78 |
| <b>NEXT (dB)</b>    | 3.9   | 10.1  | 3.9   | 10.3  |
| Freq. (MHz)         | 249.5 | 207.5 | 249.5 | 249.5 |
| Limit (dB)          | 35.4  | 36.7  | 35.4  | 35.4  |
| Worst Pair          | 36    | 36    | 36    | 36    |
| <b>PS NEXT (dB)</b> | 4.4   | 10.2  | 4.4   | 10.2  |
| Freq. (MHz)         | 249.5 | 250.0 | 249.5 | 250.0 |
| Limit (dB)          | 32.7  | 32.7  | 32.7  | 32.7  |

| PASS                 | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-45 | 45-12 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 18.3  | 18.3  | 19.3  | 19.2  |
| Freq. (MHz)          | 9.3   | 4.4   | 242.5 | 242.5 |
| Limit (dB)           | 44.9  | 51.4  | 16.5  | 16.5  |
| Worst Pair           | 45    | 12    | 45    | 12    |
| <b>PS ACR-F (dB)</b> | 20.5  | 20.8  | 20.5  | 22.0  |
| Freq. (MHz)          | 243.0 | 7.8   | 243.0 | 242.0 |
| Limit (dB)           | 13.5  | 43.4  | 13.5  | 13.5  |

| N/A                  | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 36-78 | 45-78 | 12-36 | 36-78 |
| <b>ACR-N (dB)</b>    | 22.8  | 23.6  | 33.1  | 39.7  |
| Freq. (MHz)          | 2.1   | 3.6   | 249.5 | 249.5 |
| Limit (dB)           | 62.0  | 61.4  | 4.3   | 4.3   |
| Worst Pair           | 78    | 45    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 22.6  | 22.8  | 33.5  | 39.4  |
| Freq. (MHz)          | 3.4   | 4.0   | 249.5 | 250.0 |
| Limit (dB)           | 58.8  | 58.3  | 1.7   | 1.6   |

| N/A            | MAIN  | SR   | MAIN  | SR    |
|----------------|-------|------|-------|-------|
| Worst Pair     | 78    | 36   | 36    | 36    |
| <b>RL (dB)</b> | 6.2   | 5.8  | 7.2   | 7.2   |
| Freq. (MHz)    | 132.0 | 62.3 | 244.5 | 243.5 |
| Limit (dB)     | 12.8  | 16.1 | 10.1  | 10.1  |

### 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 |            |



## Cable ID: 1/238

Date / Time: 11/10/2015 05:58:21 PM

Headroom 4.5 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

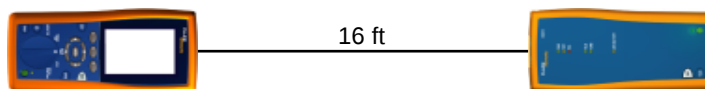
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

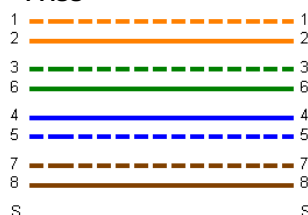
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.9   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 249.0 |
| Limit (dB)                  | [Pair 36] | 31.0  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 12-36 | 12-36 | 12-36 |
| NEXT (dB)    | 4.5   | 11.2  | 4.7   | 11.2  |
| Freq. (MHz)  | 222.0 | 250.0 | 248.5 | 250.0 |
| Limit (dB)   | 36.2  | 35.3  | 35.4  | 35.3  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.5   | 11.1  | 4.5   | 11.1  |
| Freq. (MHz)  | 248.0 | 250.0 | 248.5 | 250.0 |
| Limit (dB)   | 32.8  | 32.7  | 32.7  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.1  | 19.1  | 20.2  | 20.0  |
| Freq. (MHz)   | 9.4   | 5.1   | 244.0 | 244.0 |
| Limit (dB)    | 44.8  | 50.0  | 16.4  | 16.4  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 20.7  | 20.8  | 20.8  | 22.4  |
| Freq. (MHz)   | 9.4   | 7.3   | 244.5 | 240.5 |
| Limit (dB)    | 41.8  | 44.0  | 13.4  | 13.6  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 36-45 | 12-36 | 12-36 |
| ACR-N (dB)    | 22.1  | 22.2  | 33.7  | 40.4  |
| Freq. (MHz)   | 3.3   | 9.5   | 248.5 | 250.0 |
| Limit (dB)    | 61.8  | 52.8  | 4.4   | 4.2   |
| Worst Pair    | 36    | 36    | 36    | 36    |
| PS ACR-N (dB) | 22.2  | 21.8  | 33.4  | 40.3  |
| Freq. (MHz)   | 3.3   | 9.3   | 248.5 | 250.0 |
| Limit (dB)    | 58.8  | 50.7  | 1.8   | 1.6   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 36   | 36   | 36    | 36    |
| RL (dB)     | 6.5  | 6.2  | 6.6   | 6.4   |
| Freq. (MHz) | 4.4  | 62.0 | 245.0 | 244.5 |
| Limit (dB)  | 21.0 | 16.1 | 10.1  | 10.1  |

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 |            |



## Cable ID: 1/239

Date / Time: 11/10/2015 05:59:06 PM

Headroom 3.3 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

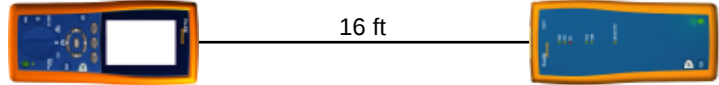
Main S/N: 1233057

Remote S/N: 1233058

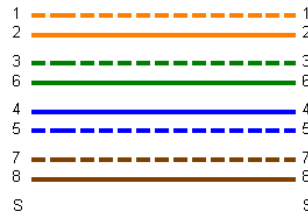
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 29.2  |
| Frequency (MHz)             | [Pair 12] | 250.0 |
| Limit (dB)                  | [Pair 12] | 31.1  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 12-36 | 12-36 | 12-36 |
| NEXT (dB)    | 3.3   | 8.3   | 3.3   | 8.3   |
| Freq. (MHz)  | 221.0 | 222.5 | 249.0 | 224.5 |
| Limit (dB)   | 36.2  | 36.2  | 35.4  | 36.1  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 2.9   | 9.2   | 2.9   | 9.6   |
| Freq. (MHz)  | 248.0 | 224.5 | 248.0 | 250.0 |
| Limit (dB)   | 32.8  | 33.5  | 32.8  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.6  | 18.6  | 19.6  | 19.4  |
| Freq. (MHz)   | 9.4   | 5.1   | 242.0 | 242.0 |
| Limit (dB)    | 44.8  | 50.0  | 16.5  | 16.5  |
| Worst Pair    | 45    | 12    | 45    | 12    |
| PS ACR-F (dB) | 19.7  | 20.2  | 19.7  | 20.7  |
| Freq. (MHz)   | 242.0 | 6.6   | 242.0 | 246.0 |
| Limit (dB)    | 13.5  | 44.8  | 13.5  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 36-45 | 12-36 | 12-36 |
| ACR-N (dB)    | 22.8  | 21.9  | 32.5  | 38.3  |
| Freq. (MHz)   | 4.0   | 3.9   | 249.0 | 250.0 |
| Limit (dB)    | 60.6  | 60.8  | 4.3   | 4.2   |
| Worst Pair    | 36    | 45    | 36    | 36    |
| PS ACR-N (dB) | 21.3  | 22.2  | 32.0  | 38.8  |
| Freq. (MHz)   | 4.0   | 3.9   | 248.0 | 250.0 |
| Limit (dB)    | 58.3  | 58.5  | 1.8   | 1.6   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 78    | 36   | 45    | 36    |
| RL (dB)     | 6.3   | 5.4  | 7.8   | 8.6   |
| Freq. (MHz) | 149.5 | 47.0 | 249.0 | 242.5 |
| Limit (dB)  | 12.3  | 17.3 | 10.0  | 10.2  |

### 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: 1/240

Date / Time: 11/10/2015 05:59:30 PM

Headroom 4.7 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 249.0 |
| Limit (dB)                  | [Pair 36] | 31.0  |

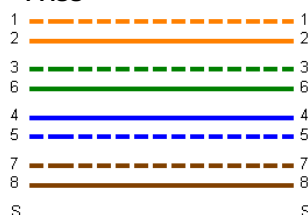


16 ft



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-78 | 12-36 | 36-45 |
| NEXT (dB)    | 4.7   | 10.5  | 4.7   | 11.1  |
| Freq. (MHz)  | 250.0 | 163.5 | 250.0 | 238.5 |
| Limit (dB)   | 35.3  | 38.4  | 35.3  | 35.7  |
| Worst Pair   | 36    | 78    | 36    | 45    |
| PS NEXT (dB) | 4.9   | 10.3  | 4.9   | 11.3  |
| Freq. (MHz)  | 250.0 | 164.0 | 250.0 | 244.5 |
| Limit (dB)   | 32.7  | 35.8  | 32.7  | 32.9  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.6  | 18.7  | 19.7  | 19.5  |
| Freq. (MHz)   | 5.5   | 4.8   | 242.5 | 243.0 |
| Limit (dB)    | 49.4  | 50.7  | 16.5  | 16.5  |
| Worst Pair    | 45    | 12    | 45    | 12    |
| PS ACR-F (dB) | 19.8  | 20.4  | 19.8  | 21.0  |
| Freq. (MHz)   | 243.5 | 5.6   | 243.5 | 241.0 |
| Limit (dB)    | 13.5  | 46.2  | 13.5  | 13.5  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 36-45 | 36-45 | 12-36 | 36-45 |
| ACR-N (dB)    | 22.7  | 20.1  | 33.9  | 39.7  |
| Freq. (MHz)   | 3.3   | 3.9   | 250.0 | 238.5 |
| Limit (dB)    | 61.8  | 60.8  | 4.2   | 5.4   |
| Worst Pair    | 78    | 45    | 36    | 36    |
| PS ACR-N (dB) | 22.5  | 20.5  | 34.1  | 40.1  |
| Freq. (MHz)   | 3.4   | 3.9   | 250.0 | 243.5 |
| Limit (dB)    | 58.8  | 58.5  | 1.6   | 2.3   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 78    | 36   | 36    | 36    |
| RL (dB)     | 6.3   | 5.4  | 6.9   | 7.2   |
| Freq. (MHz) | 132.0 | 47.0 | 245.0 | 244.0 |
| Limit (dB)  | 12.8  | 17.3 | 10.1  | 10.1  |

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 |            |

LinkWare Version 8.0



## Cable ID: 1/241

Date / Time: 11/10/2015 05:59:53 PM

Headroom 4.5 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 249.0 |
| Limit (dB)                  | [Pair 36] | 31.0  |



16 ft



### Wire Map (T568B) PASS

|   |   |
|---|---|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 6 | 6 |
| 4 | 4 |
| 5 | 5 |
| 7 | 7 |
| 8 | 8 |
| S | S |

### Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 4.5   | 8.5   | 5.0   | 10.5  |
| Freq. (MHz)  | 196.5 | 156.5 | 249.0 | 237.0 |
| Limit (dB)   | 37.1  | 38.7  | 35.4  | 35.7  |
| Worst Pair   | 36    | 45    | 36    | 36    |
| PS NEXT (dB) | 5.2   | 9.6   | 5.2   | 10.6  |
| Freq. (MHz)  | 248.0 | 187.5 | 249.0 | 232.5 |
| Limit (dB)   | 32.8  | 34.8  | 32.7  | 33.2  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-78 | 12-78 | 12-78 | 78-12 |
| ACR-F (dB)    | 18.2  | 18.2  | 18.4  | 18.3  |
| Freq. (MHz)   | 155.0 | 186.0 | 248.0 | 250.0 |
| Limit (dB)    | 20.4  | 18.8  | 16.3  | 16.2  |
| Worst Pair    | 12    | 12    | 12    | 12    |
| PS ACR-F (dB) | 19.0  | 18.9  | 20.1  | 19.3  |
| Freq. (MHz)   | 4.8   | 4.8   | 249.5 | 245.5 |
| Limit (dB)    | 47.7  | 47.7  | 13.2  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 36-45 | 36-45 | 36-78 | 36-45 |
| ACR-N (dB)    | 22.0  | 20.9  | 34.3  | 38.9  |
| Freq. (MHz)   | 13.9  | 14.5  | 249.5 | 237.0 |
| Limit (dB)    | 49.0  | 48.6  | 4.3   | 5.6   |
| Worst Pair    | 45    | 45    | 36    | 36    |
| PS ACR-N (dB) | 21.3  | 22.0  | 34.2  | 38.7  |
| Freq. (MHz)   | 11.5  | 15.9  | 249.0 | 232.5 |
| Limit (dB)    | 48.6  | 45.3  | 1.7   | 3.4   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 78    | 36   | 36    | 36    |
| RL (dB)     | 5.9   | 5.9  | 6.2   | 6.0   |
| Freq. (MHz) | 149.0 | 46.0 | 244.5 | 244.0 |
| Limit (dB)  | 12.3  | 17.4 | 10.1  | 10.1  |

### 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 |            |



## Cable ID: 1/242

Date / Time: 11/10/2015 06:00:17 PM

Headroom 3.6 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

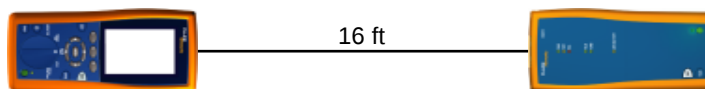
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

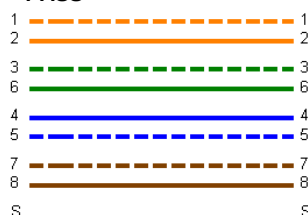
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 29.2  |
| Frequency (MHz)             | [Pair 12] | 250.0 |
| Limit (dB)                  | [Pair 12] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-45 | 12-36 | 36-45 |
| NEXT (dB)    | 3.6   | 7.5   | 3.6   | 7.5   |
| Freq. (MHz)  | 249.5 | 210.0 | 250.0 | 210.0 |
| Limit (dB)   | 35.4  | 36.6  | 35.3  | 36.6  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.3   | 9.5   | 4.3   | 10.3  |
| Freq. (MHz)  | 249.5 | 207.5 | 249.5 | 250.0 |
| Limit (dB)   | 32.7  | 34.1  | 32.7  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.7  | 18.8  | 20.1  | 19.9  |
| Freq. (MHz)   | 4.8   | 4.6   | 243.5 | 243.5 |
| Limit (dB)    | 50.7  | 50.9  | 16.5  | 16.5  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 19.8  | 20.2  | 20.9  | 21.7  |
| Freq. (MHz)   | 27.0  | 5.4   | 244.0 | 247.5 |
| Limit (dB)    | 32.6  | 46.6  | 13.4  | 13.3  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 36-78 | 12-36 | 36-45 |
| ACR-N (dB)    | 21.0  | 22.5  | 32.8  | 34.0  |
| Freq. (MHz)   | 3.4   | 27.0  | 250.0 | 210.0 |
| Limit (dB)    | 61.8  | 41.8  | 4.2   | 8.5   |
| Worst Pair    | 12    | 36    | 36    | 36    |
| PS ACR-N (dB) | 20.7  | 23.1  | 33.4  | 39.5  |
| Freq. (MHz)   | 2.9   | 26.5  | 249.5 | 250.0 |
| Limit (dB)    | 59.0  | 39.6  | 1.7   | 1.6   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 12   | 36   | 12    | 36    |
| RL (dB)     | 6.1  | 6.3  | 7.8   | 7.8   |
| Freq. (MHz) | 69.5 | 47.0 | 226.5 | 243.0 |
| Limit (dB)  | 15.6 | 17.3 | 10.4  | 10.1  |

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 |            |



## Cable ID: 1/243

Date / Time: 11/10/2015 06:00:41 PM

Headroom 3.4 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

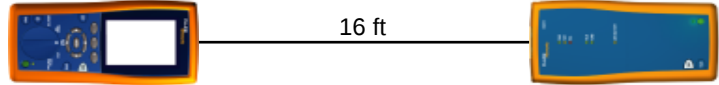
Main S/N: 1233057

Remote S/N: 1233058

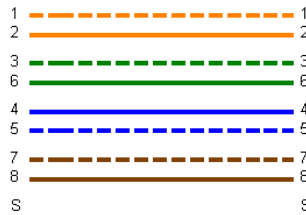
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 29.2  |
| Frequency (MHz)             | [Pair 12] | 250.0 |
| Limit (dB)                  | [Pair 12] | 31.1  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 12-36 | 12-36 | 12-36 |
| NEXT (dB)    | 3.4   | 7.9   | 3.4   | 7.9   |
| Freq. (MHz)  | 249.5 | 222.0 | 249.5 | 222.0 |
| Limit (dB)   | 35.4  | 36.2  | 35.4  | 36.2  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.0   | 8.5   | 4.0   | 9.8   |
| Freq. (MHz)  | 249.5 | 163.5 | 249.5 | 249.5 |
| Limit (dB)   | 32.7  | 35.8  | 32.7  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.7  | 18.8  | 19.9  | 19.7  |
| Freq. (MHz)   | 5.1   | 4.8   | 244.0 | 244.0 |
| Limit (dB)    | 50.0  | 50.7  | 16.4  | 16.4  |
| Worst Pair    | 12    | 12    | 45    | 12    |
| PS ACR-F (dB) | 20.3  | 20.6  | 20.8  | 21.1  |
| Freq. (MHz)   | 5.5   | 5.8   | 246.0 | 241.5 |
| Limit (dB)    | 46.4  | 46.0  | 13.4  | 13.5  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 36-45 | 36-45 | 12-36 | 12-36 |
| ACR-N (dB)    | 21.2  | 19.0  | 32.6  | 35.2  |
| Freq. (MHz)   | 3.5   | 3.5   | 249.5 | 222.0 |
| Limit (dB)    | 61.7  | 61.7  | 4.3   | 7.1   |
| Worst Pair    | 36    | 45    | 36    | 36    |
| PS ACR-N (dB) | 20.4  | 20.0  | 33.1  | 38.9  |
| Freq. (MHz)   | 4.0   | 3.9   | 249.5 | 249.5 |
| Limit (dB)    | 58.3  | 58.5  | 1.7   | 1.7   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 78    | 36   | 45    | 12    |
| RL (dB)     | 5.8   | 5.3  | 8.0   | 8.6   |
| Freq. (MHz) | 131.5 | 47.3 | 250.0 | 248.5 |
| Limit (dB)  | 12.8  | 17.3 | 10.0  | 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: 1/244

Date / Time: 11/10/2015 06:01:05 PM

Headroom 4.4 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

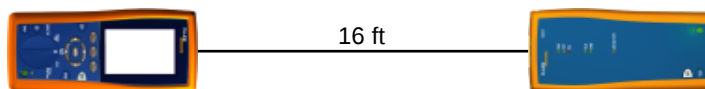
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

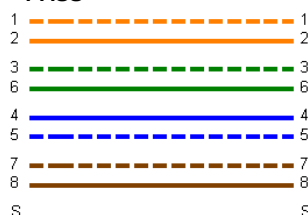
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.7   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 29.2  |
| Frequency (MHz)             | [Pair 12] | 250.0 |
| Limit (dB)                  | [Pair 12] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 4.4   | 8.7   | 4.4   | 8.7   |
| Freq. (MHz)  | 248.5 | 213.5 | 248.5 | 213.5 |
| Limit (dB)   | 35.4  | 36.5  | 35.4  | 36.5  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.1   | 9.8   | 4.1   | 9.8   |
| Freq. (MHz)  | 249.5 | 207.5 | 249.5 | 207.5 |
| Limit (dB)   | 32.7  | 34.1  | 32.7  | 34.1  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.2  | 19.1  | 19.8  | 19.6  |
| Freq. (MHz)   | 5.4   | 5.4   | 243.5 | 243.5 |
| Limit (dB)    | 49.6  | 49.6  | 16.5  | 16.5  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 19.9  | 20.6  | 19.9  | 22.1  |
| Freq. (MHz)   | 246.0 | 5.6   | 246.0 | 242.5 |
| Limit (dB)    | 13.4  | 46.2  | 13.4  | 13.5  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-78 | 36-45 | 12-36 | 36-45 |
| ACR-N (dB)    | 19.8  | 21.0  | 33.9  | 35.5  |
| Freq. (MHz)   | 3.4   | 3.5   | 250.0 | 213.5 |
| Limit (dB)    | 61.8  | 61.7  | 4.2   | 8.1   |
| Worst Pair    | 45    | 45    | 36    | 36    |
| PS ACR-N (dB) | 20.2  | 21.1  | 33.2  | 36.2  |
| Freq. (MHz)   | 3.6   | 3.5   | 249.5 | 209.0 |
| Limit (dB)    | 58.6  | 58.7  | 1.7   | 6.0   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 12   | 36   | 45    | 36    |
| RL (dB)     | 6.0  | 4.1  | 7.5   | 6.0   |
| Freq. (MHz) | 87.3 | 46.8 | 188.5 | 188.5 |
| Limit (dB)  | 14.6 | 17.3 | 11.2  | 11.2  |

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: 1/245

Date / Time: 11/10/2015 06:01:53 PM

Headroom 2.9 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

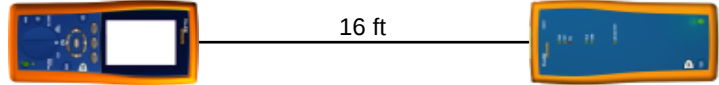
Main S/N: 1233057

Remote S/N: 1233058

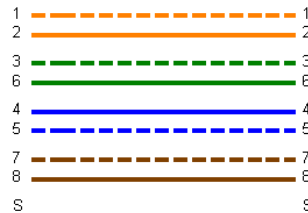
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 248.5 |
| Limit (dB)                  | [Pair 36] | 31.0  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 12-36 | 45-78 | 12-36 | 45-78 |
| <b>NEXT (dB)</b>    | 2.9   | 9.0   | 2.9   | 9.2   |
| Freq. (MHz)         | 249.5 | 225.5 | 250.0 | 250.0 |
| Limit (dB)          | 35.4  | 36.1  | 35.3  | 35.3  |
| Worst Pair          | 36    | 45    | 36    | 45    |
| <b>PS NEXT (dB)</b> | 2.8   | 10.4  | 2.8   | 10.4  |
| Freq. (MHz)         | 250.0 | 225.5 | 250.0 | 250.0 |
| Limit (dB)          | 32.7  | 33.5  | 32.7  | 32.7  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-12 | 12-45 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 18.3  | 18.4  | 19.5  | 19.3  |
| Freq. (MHz)          | 4.9   | 4.9   | 248.0 | 244.0 |
| Limit (dB)           | 50.4  | 50.4  | 16.3  | 16.4  |
| Worst Pair           | 45    | 45    | 45    | 12    |
| <b>PS ACR-F (dB)</b> | 20.0  | 20.0  | 20.0  | 20.8  |
| Freq. (MHz)          | 27.0  | 5.5   | 248.0 | 248.0 |
| Limit (dB)           | 32.6  | 46.4  | 13.3  | 13.3  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-78 | 45-78 | 12-36 | 45-78 |
| <b>ACR-N (dB)</b>    | 19.0  | 20.2  | 32.1  | 38.6  |
| Freq. (MHz)          | 3.5   | 3.3   | 250.0 | 250.0 |
| Limit (dB)           | 61.7  | 61.8  | 4.2   | 4.2   |
| Worst Pair           | 78    | 45    | 36    | 45    |
| <b>PS ACR-N (dB)</b> | 19.9  | 21.4  | 32.0  | 39.7  |
| Freq. (MHz)          | 3.9   | 3.9   | 250.0 | 250.0 |
| Limit (dB)           | 58.5  | 58.5  | 1.6   | 1.6   |

| <b>N/A</b>     | MAIN | SR   | MAIN  | SR    |
|----------------|------|------|-------|-------|
| Worst Pair     | 12   | 36   | 36    | 36    |
| <b>RL (dB)</b> | 6.2  | 4.9  | 7.8   | 7.3   |
| Freq. (MHz)    | 70.5 | 47.3 | 246.5 | 244.0 |
| Limit (dB)     | 15.5 | 17.3 | 10.1  | 10.1  |

### 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 |            |



## Cable ID: 1/246

Date / Time: 11/10/2015 06:02:18 PM

Headroom 2.1 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

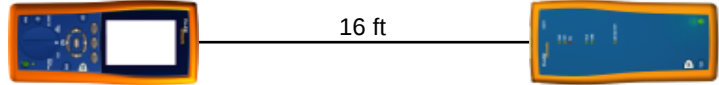
Main S/N: 1233057

Remote S/N: 1233058

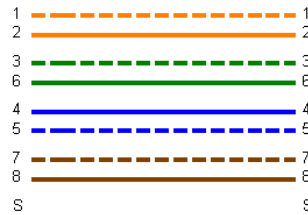
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 29.2  |
| Frequency (MHz)             | [Pair 12] | 250.0 |
| Limit (dB)                  | [Pair 12] | 31.1  |



### Wire Map (T568B) PASS



### Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-45 | 12-36 | 36-45 |
| NEXT (dB)    | 2.1   | 9.2   | 2.1   | 9.2   |
| Freq. (MHz)  | 247.5 | 237.0 | 247.5 | 237.0 |
| Limit (dB)   | 35.4  | 35.7  | 35.4  | 35.7  |
| Worst Pair   | 36    | 45    | 36    | 45    |
| PS NEXT (dB) | 2.8   | 9.8   | 2.8   | 9.8   |
| Freq. (MHz)  | 247.0 | 240.5 | 248.5 | 240.5 |
| Limit (dB)   | 32.8  | 33.0  | 32.7  | 33.0  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.1  | 19.1  | 20.0  | 19.9  |
| Freq. (MHz)   | 5.1   | 9.1   | 243.0 | 243.0 |
| Limit (dB)    | 50.0  | 45.0  | 16.5  | 16.5  |
| Worst Pair    | 12    | 45    | 45    | 12    |
| PS ACR-F (dB) | 21.5  | 21.4  | 21.6  | 22.3  |
| Freq. (MHz)   | 6.6   | 6.6   | 243.0 | 243.0 |
| Limit (dB)    | 44.8  | 44.8  | 13.5  | 13.5  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-78 | 45-78 | 12-36 | 36-45 |
| ACR-N (dB)    | 20.0  | 21.6  | 31.1  | 37.6  |
| Freq. (MHz)   | 14.3  | 4.0   | 247.5 | 237.0 |
| Limit (dB)    | 48.8  | 60.6  | 4.5   | 5.6   |
| Worst Pair    | 12    | 36    | 36    | 45    |
| PS ACR-N (dB) | 19.8  | 21.5  | 31.8  | 38.5  |
| Freq. (MHz)   | 3.8   | 11.3  | 248.5 | 240.5 |
| Limit (dB)    | 58.6  | 48.8  | 1.8   | 2.6   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 45    | 36   | 45    | 36    |
| RL (dB)     | 6.1   | 5.1  | 7.3   | 8.1   |
| Freq. (MHz) | 169.5 | 47.3 | 250.0 | 242.0 |
| Limit (dB)  | 11.7  | 17.3 | 10.0  | 10.2  |

### 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: 1/247

Date / Time: 11/10/2015 06:02:42 PM

Headroom 1.9 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

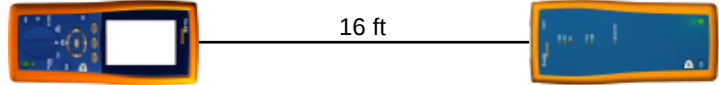
Main S/N: 1233057

Remote S/N: 1233058

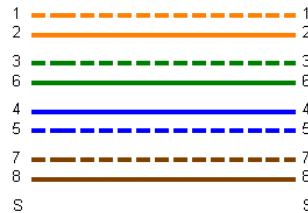
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 248.5 |
| Limit (dB)                  | [Pair 36] | 31.0  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 12-36 | 45-78 | 12-36 | 45-78 |
| <b>NEXT (dB)</b>    | 1.9   | 8.7   | 1.9   | 8.7   |
| Freq. (MHz)         | 247.5 | 218.0 | 247.5 | 218.0 |
| Limit (dB)          | 35.4  | 36.3  | 35.4  | 36.3  |
| Worst Pair          | 36    | 45    | 36    | 78    |
| <b>PS NEXT (dB)</b> | 2.5   | 9.5   | 2.5   | 10.4  |
| Freq. (MHz)         | 247.5 | 215.5 | 248.5 | 249.0 |
| Limit (dB)          | 32.8  | 33.8  | 32.7  | 32.7  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-45 | 45-12 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 19.2  | 19.1  | 19.9  | 19.8  |
| Freq. (MHz)          | 5.4   | 5.4   | 243.5 | 243.5 |
| Limit (dB)           | 49.6  | 49.6  | 16.5  | 16.5  |
| Worst Pair           | 45    | 45    | 45    | 12    |
| <b>PS ACR-F (dB)</b> | 20.6  | 20.9  | 20.6  | 21.7  |
| Freq. (MHz)          | 135.0 | 6.6   | 245.0 | 244.0 |
| Limit (dB)           | 18.6  | 44.8  | 13.4  | 13.4  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-78 | 45-78 | 12-36 | 45-78 |
| <b>ACR-N (dB)</b>    | 20.4  | 21.2  | 30.8  | 35.9  |
| Freq. (MHz)          | 3.4   | 3.3   | 247.5 | 218.0 |
| Limit (dB)           | 61.8  | 61.8  | 4.5   | 7.6   |
| Worst Pair           | 45    | 45    | 36    | 78    |
| <b>PS ACR-N (dB)</b> | 20.9  | 20.8  | 31.4  | 39.7  |
| Freq. (MHz)          | 3.8   | 3.6   | 248.5 | 249.0 |
| Limit (dB)           | 58.6  | 58.6  | 1.8   | 1.7   |

| <b>N/A</b>     | MAIN | SR   | MAIN  | SR    |
|----------------|------|------|-------|-------|
| Worst Pair     | 12   | 36   | 36    | 36    |
| <b>RL (dB)</b> | 6.0  | 5.4  | 7.6   | 7.0   |
| Freq. (MHz)    | 69.5 | 46.5 | 244.5 | 242.5 |
| Limit (dB)     | 15.6 | 17.3 | 10.1  | 10.2  |

### 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: 1/248

Date / Time: 11/10/2015 06:03:04 PM

Headroom 3.3 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

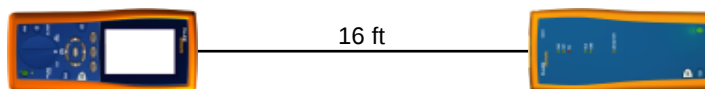
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

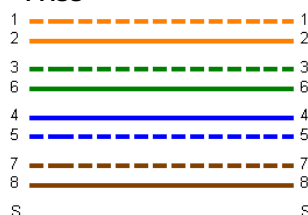
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 16    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 24    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.9  |
| Frequency (MHz)             | [Pair 36] | 247.5 |
| Limit (dB)                  | [Pair 36] | 30.9  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 12-45 |
| NEXT (dB)    | 3.3   | 10.8  | 3.3   | 11.5  |
| Freq. (MHz)  | 248.5 | 212.0 | 248.5 | 250.0 |
| Limit (dB)   | 35.4  | 36.5  | 35.4  | 35.3  |
| Worst Pair   | 36    | 12    | 36    | 12    |
| PS NEXT (dB) | 3.3   | 11.3  | 3.3   | 11.3  |
| Freq. (MHz)  | 248.0 | 250.0 | 248.5 | 250.0 |
| Limit (dB)   | 32.8  | 32.7  | 32.7  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 20.0  | 20.0  | 20.7  | 20.6  |
| Freq. (MHz)   | 8.5   | 5.8   | 242.0 | 242.0 |
| Limit (dB)    | 45.6  | 49.0  | 16.5  | 16.5  |
| Worst Pair    | 12    | 12    | 45    | 12    |
| PS ACR-F (dB) | 22.0  | 21.8  | 22.0  | 22.1  |
| Freq. (MHz)   | 6.8   | 152.0 | 243.5 | 245.5 |
| Limit (dB)    | 44.6  | 17.6  | 13.5  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 45-78 | 36-78 | 12-45 |
| ACR-N (dB)    | 21.9  | 22.0  | 32.6  | 40.8  |
| Freq. (MHz)   | 3.4   | 3.5   | 248.5 | 250.0 |
| Limit (dB)    | 61.8  | 61.7  | 4.4   | 4.2   |
| Worst Pair    | 12    | 45    | 36    | 12    |
| PS ACR-N (dB) | 21.4  | 21.7  | 32.3  | 40.5  |
| Freq. (MHz)   | 3.9   | 3.6   | 248.5 | 250.0 |
| Limit (dB)    | 58.5  | 58.6  | 1.8   | 1.6   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 78    | 36   | 45    | 36    |
| RL (dB)     | 5.4   | 5.5  | 6.2   | 7.1   |
| Freq. (MHz) | 132.5 | 62.3 | 169.5 | 242.5 |
| Limit (dB)  | 12.8  | 16.1 | 11.7  | 10.2  |

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: 1/249

Date / Time: 11/10/2015 06:03:55 PM

Headroom 2.2 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

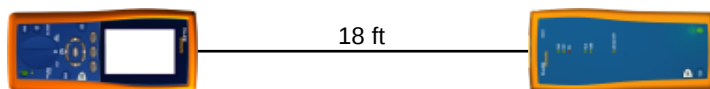
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 18    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 27    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-45 | 12-36 | 36-45 |
| NEXT (dB)    | 2.2   | 9.6   | 2.2   | 9.6   |
| Freq. (MHz)  | 245.5 | 235.5 | 245.5 | 235.5 |
| Limit (dB)   | 35.5  | 35.8  | 35.5  | 35.8  |
| Worst Pair   | 36    | 36    | 36    | 45    |
| PS NEXT (dB) | 2.7   | 10.6  | 2.7   | 10.9  |
| Freq. (MHz)  | 247.0 | 148.0 | 247.0 | 240.5 |
| Limit (dB)   | 32.8  | 36.5  | 32.8  | 33.0  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.3  | 18.3  | 20.1  | 19.9  |
| Freq. (MHz)   | 4.4   | 4.4   | 241.5 | 241.5 |
| Limit (dB)    | 51.4  | 51.4  | 16.5  | 16.5  |
| Worst Pair    | 12    | 45    | 45    | 12    |
| PS ACR-F (dB) | 21.1  | 20.8  | 21.2  | 22.2  |
| Freq. (MHz)   | 6.3   | 6.3   | 225.0 | 242.0 |
| Limit (dB)    | 45.3  | 45.3  | 14.1  | 13.5  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-78 | 45-78 | 12-36 | 36-45 |
| ACR-N (dB)    | 21.3  | 21.0  | 30.9  | 37.9  |
| Freq. (MHz)   | 3.4   | 3.5   | 245.5 | 235.5 |
| Limit (dB)    | 61.8  | 61.7  | 4.7   | 5.7   |
| Worst Pair    | 78    | 45    | 36    | 36    |
| PS ACR-N (dB) | 21.2  | 21.3  | 31.5  | 39.6  |
| Freq. (MHz)   | 3.9   | 3.9   | 247.0 | 242.0 |
| Limit (dB)    | 58.5  | 58.5  | 1.9   | 2.4   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 45    | 36   | 45    | 36    |
| RL (dB)     | 5.8   | 5.4  | 5.8   | 8.5   |
| Freq. (MHz) | 173.5 | 43.8 | 173.5 | 243.0 |
| Limit (dB)  | 11.6  | 17.6 | 11.6  | 10.1  |

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 |            |



## Cable ID: 1/250

Date / Time: 11/10/2015 06:04:19 PM

Headroom 2.9 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

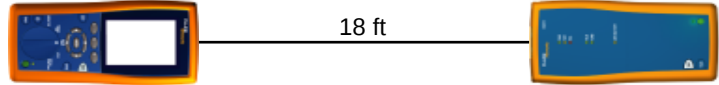
Main S/N: 1233057

Remote S/N: 1233058

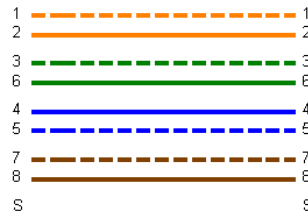
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 18    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 27    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



### Wire Map (T568B) PASS



### Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 12-36 | 12-36 | 12-36 |
| NEXT (dB)    | 2.9   | 8.8   | 3.0   | 8.8   |
| Freq. (MHz)  | 221.5 | 242.0 | 247.0 | 243.0 |
| Limit (dB)   | 36.2  | 35.6  | 35.4  | 35.5  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 3.6   | 9.6   | 3.9   | 9.6   |
| Freq. (MHz)  | 224.5 | 244.0 | 248.5 | 244.0 |
| Limit (dB)   | 33.5  | 32.9  | 32.7  | 32.9  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.8  | 18.8  | 20.7  | 20.6  |
| Freq. (MHz)   | 4.6   | 4.6   | 243.5 | 243.0 |
| Limit (dB)    | 50.9  | 50.9  | 16.5  | 16.5  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 20.5  | 20.7  | 20.6  | 22.3  |
| Freq. (MHz)   | 6.6   | 7.0   | 245.0 | 235.0 |
| Limit (dB)    | 44.8  | 44.3  | 13.4  | 13.8  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 36-78 | 12-36 | 12-36 | 12-36 |
| ACR-N (dB)    | 22.4  | 20.4  | 31.8  | 37.4  |
| Freq. (MHz)   | 2.1   | 3.6   | 247.0 | 243.0 |
| Limit (dB)    | 62.0  | 61.4  | 4.5   | 4.9   |
| Worst Pair    | 12    | 12    | 36    | 36    |
| PS ACR-N (dB) | 22.1  | 21.6  | 32.7  | 38.3  |
| Freq. (MHz)   | 4.0   | 3.6   | 248.5 | 244.0 |
| Limit (dB)    | 58.3  | 58.6  | 1.8   | 2.2   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 45    | 36   | 45    | 36    |
| RL (dB)     | 5.3   | 5.0  | 5.3   | 7.7   |
| Freq. (MHz) | 174.0 | 44.8 | 174.0 | 242.5 |
| Limit (dB)  | 11.6  | 17.5 | 11.6  | 10.2  |

### 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: 1/251

Date / Time: 11/10/2015 06:04:44 PM

Headroom 5.1 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

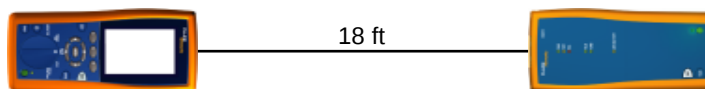
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

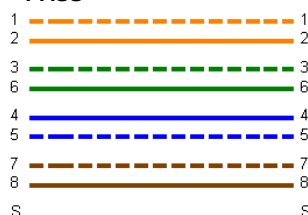
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 18    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 27    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.9  |
| Frequency (MHz)             | [Pair 36] | 248.5 |
| Limit (dB)                  | [Pair 36] | 31.0  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-45 | 12-36 | 36-78 |
| NEXT (dB)    | 5.1   | 9.9   | 5.1   | 10.5  |
| Freq. (MHz)  | 246.0 | 192.5 | 246.5 | 249.0 |
| Limit (dB)   | 35.5  | 37.2  | 35.4  | 35.4  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 5.3   | 10.6  | 5.3   | 10.6  |
| Freq. (MHz)  | 247.5 | 244.5 | 247.5 | 244.5 |
| Limit (dB)   | 32.8  | 32.9  | 32.8  | 32.9  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 36-45 | 45-36 |
| ACR-F (dB)    | 20.0  | 20.0  | 20.9  | 20.7  |
| Freq. (MHz)   | 5.4   | 5.4   | 245.5 | 245.5 |
| Limit (dB)    | 49.6  | 49.6  | 16.4  | 16.4  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 21.0  | 21.1  | 21.0  | 21.9  |
| Freq. (MHz)   | 144.0 | 20.5  | 245.0 | 233.5 |
| Limit (dB)    | 18.0  | 35.0  | 13.4  | 13.8  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 36-45 | 36-45 | 12-36 | 36-78 |
| ACR-N (dB)    | 18.4  | 17.8  | 33.8  | 39.7  |
| Freq. (MHz)   | 3.5   | 3.6   | 246.5 | 249.5 |
| Limit (dB)    | 61.7  | 61.4  | 4.6   | 4.3   |
| Worst Pair    | 36    | 45    | 36    | 36    |
| PS ACR-N (dB) | 19.7  | 19.6  | 34.1  | 39.2  |
| Freq. (MHz)   | 4.0   | 3.9   | 247.5 | 244.5 |
| Limit (dB)    | 58.3  | 58.5  | 1.9   | 2.2   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 36   | 36   | 45    | 36    |
| RL (dB)     | 6.5  | 4.5  | 7.1   | 7.7   |
| Freq. (MHz) | 4.0  | 43.5 | 232.5 | 242.0 |
| Limit (dB)  | 21.0 | 17.6 | 10.3  | 10.2  |

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 |            |

LinkWare Version 8.0



## Cable ID: 1/252

Date / Time: 11/10/2015 06:05:10 PM

Headroom **4.9 dB (NEXT 12-36)**

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

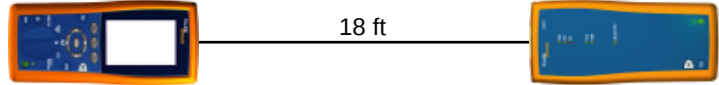
Main S/N: 1233057

Remote S/N: 1233058

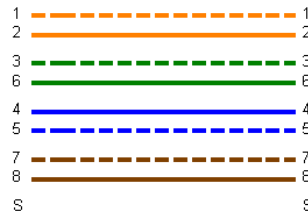
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 18    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 27    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 29.1  |
| Frequency (MHz)             | [Pair 12] | 250.0 |
| Limit (dB)                  | [Pair 12] | 31.1  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 12-36 | 45-78 | 12-36 | 45-78 |
| <b>NEXT (dB)</b>    | 4.9   | 9.8   | 5.0   | 10.1  |
| Freq. (MHz)         | 224.5 | 194.5 | 246.5 | 243.0 |
| Limit (dB)          | 36.1  | 37.1  | 35.4  | 35.5  |
| Worst Pair          | 36    | 78    | 36    | 36    |
| <b>PS NEXT (dB)</b> | 5.0   | 9.7   | 5.0   | 10.9  |
| Freq. (MHz)         | 225.0 | 168.5 | 247.5 | 250.0 |
| Limit (dB)          | 33.5  | 35.6  | 32.8  | 32.7  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-45 | 45-12 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 19.5  | 19.5  | 21.3  | 21.1  |
| Freq. (MHz)          | 5.4   | 5.4   | 242.0 | 242.0 |
| Limit (dB)           | 49.6  | 49.6  | 16.5  | 16.5  |
| Worst Pair           | 45    | 45    | 45    | 45    |
| <b>PS ACR-F (dB)</b> | 21.3  | 21.4  | 21.6  | 22.6  |
| Freq. (MHz)          | 44.3  | 6.3   | 243.5 | 218.0 |
| Limit (dB)           | 28.3  | 45.3  | 13.5  | 14.4  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-78 | 45-78 | 12-36 | 45-78 |
| <b>ACR-N (dB)</b>    | 20.5  | 21.1  | 33.8  | 38.8  |
| Freq. (MHz)          | 25.9  | 21.5  | 246.5 | 243.0 |
| Limit (dB)           | 42.3  | 44.4  | 4.6   | 4.9   |
| Worst Pair           | 78    | 78    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 21.9  | 22.1  | 33.9  | 40.0  |
| Freq. (MHz)          | 23.5  | 21.5  | 247.5 | 250.0 |
| Limit (dB)           | 41.0  | 42.0  | 1.9   | 1.6   |

| <b>N/A</b>     | MAIN  | SR   | MAIN  | SR    |
|----------------|-------|------|-------|-------|
| Worst Pair     | 78    | 36   | 45    | 36    |
| <b>RL (dB)</b> | 5.8   | 4.9  | 7.5   | 8.5   |
| Freq. (MHz)    | 138.0 | 44.0 | 231.5 | 243.5 |
| Limit (dB)     | 12.6  | 17.6 | 10.4  | 10.1  |

### 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 |            |



## Cable ID: 1/253

Date / Time: 11/10/2015 06:06:05 PM

Headroom 3.9 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

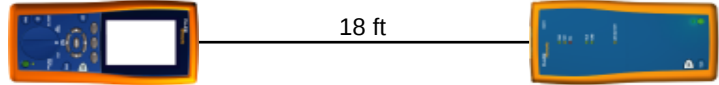
Main S/N: 1233057

Remote S/N: 1233058

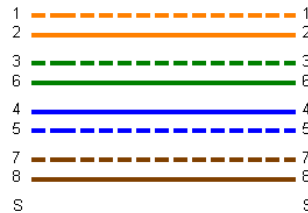
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 18    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 27    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.9  |
| Frequency (MHz)             | [Pair 36] | 248.5 |
| Limit (dB)                  | [Pair 36] | 31.0  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 12-36 | 12-36 | 12-36 |
| NEXT (dB)    | 3.9   | 7.6   | 3.9   | 7.6   |
| Freq. (MHz)  | 247.5 | 244.5 | 247.5 | 244.5 |
| Limit (dB)   | 35.4  | 35.5  | 35.4  | 35.5  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.3   | 8.2   | 4.6   | 8.2   |
| Freq. (MHz)  | 224.5 | 244.5 | 247.5 | 246.0 |
| Limit (dB)   | 33.5  | 32.9  | 32.8  | 32.8  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-36 |
| ACR-F (dB)    | 19.9  | 19.9  | 21.2  | 21.1  |
| Freq. (MHz)   | 5.4   | 5.4   | 242.0 | 245.5 |
| Limit (dB)    | 49.6  | 49.6  | 16.5  | 16.4  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 20.8  | 21.5  | 20.8  | 22.9  |
| Freq. (MHz)   | 243.5 | 6.5   | 244.0 | 248.5 |
| Limit (dB)    | 13.5  | 44.9  | 13.4  | 13.3  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 36-45 | 12-36 | 12-36 |
| ACR-N (dB)    | 20.6  | 19.1  | 32.7  | 36.4  |
| Freq. (MHz)   | 3.8   | 3.5   | 247.5 | 246.0 |
| Limit (dB)    | 61.1  | 61.7  | 4.5   | 4.6   |
| Worst Pair    | 36    | 45    | 36    | 36    |
| PS ACR-N (dB) | 20.0  | 19.6  | 33.4  | 36.9  |
| Freq. (MHz)   | 3.8   | 3.9   | 247.5 | 246.0 |
| Limit (dB)    | 58.6  | 58.5  | 1.9   | 2.0   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 36   | 36   | 45    | 36    |
| RL (dB)     | 6.3  | 6.2  | 8.0   | 9.6   |
| Freq. (MHz) | 4.1  | 44.0 | 249.5 | 243.0 |
| Limit (dB)  | 21.0 | 17.6 | 10.0  | 10.1  |

### 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 |            |



## Cable ID: 1/254

Date / Time: 11/10/2015 06:06:34 PM

Headroom 3.7 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

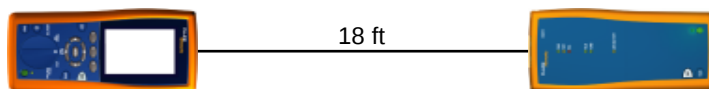
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

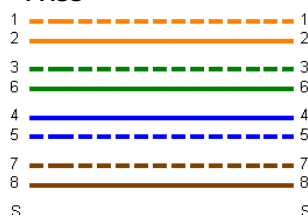
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 18    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 27    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.8  |
| Frequency (MHz)             | [Pair 36] | 247.5 |
| Limit (dB)                  | [Pair 36] | 30.9  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 12-36 | 12-36 | 12-36 |
| NEXT (dB)    | 3.7   | 7.7   | 3.7   | 7.7   |
| Freq. (MHz)  | 247.5 | 244.0 | 247.5 | 244.0 |
| Limit (dB)   | 35.4  | 35.5  | 35.4  | 35.5  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.1   | 8.2   | 4.4   | 8.2   |
| Freq. (MHz)  | 224.5 | 245.0 | 248.5 | 245.0 |
| Limit (dB)   | 33.5  | 32.9  | 32.7  | 32.9  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.9  | 20.0  | 21.1  | 21.0  |
| Freq. (MHz)   | 5.3   | 5.3   | 243.0 | 243.0 |
| Limit (dB)    | 49.8  | 49.8  | 16.5  | 16.5  |
| Worst Pair    | 45    | 45    | 45    | 45    |
| PS ACR-F (dB) | 20.8  | 21.4  | 20.8  | 23.1  |
| Freq. (MHz)   | 243.5 | 6.1   | 244.5 | 249.5 |
| Limit (dB)    | 13.5  | 45.4  | 13.4  | 13.2  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 36-45 | 12-36 | 12-36 |
| ACR-N (dB)    | 21.0  | 18.7  | 32.5  | 36.4  |
| Freq. (MHz)   | 4.4   | 3.9   | 247.5 | 244.0 |
| Limit (dB)    | 59.8  | 60.8  | 4.5   | 4.8   |
| Worst Pair    | 36    | 45    | 36    | 36    |
| PS ACR-N (dB) | 20.2  | 19.5  | 33.2  | 37.0  |
| Freq. (MHz)   | 4.0   | 3.9   | 247.5 | 245.0 |
| Limit (dB)    | 58.3  | 58.5  | 1.9   | 2.1   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 36   | 36   | 45    | 36    |
| RL (dB)     | 6.3  | 6.2  | 8.0   | 9.7   |
| Freq. (MHz) | 4.0  | 44.0 | 249.0 | 243.0 |
| Limit (dB)  | 21.0 | 17.6 | 10.0  | 10.1  |

### 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 |            |



## Cable ID: 1/255

Date / Time: 11/10/2015 06:07:17 PM

Headroom 4.7 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

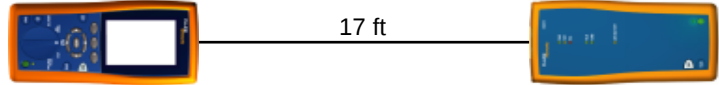
Main S/N: 1233057

Remote S/N: 1233058

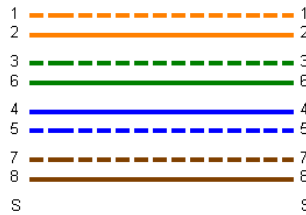
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 36-78 | 36-45 | 36-78 | 36-45 |
| <b>NEXT (dB)</b>    | 4.7   | 7.0   | 4.7   | 7.0   |
| Freq. (MHz)         | 227.5 | 213.5 | 227.5 | 213.5 |
| Limit (dB)          | 36.0  | 36.5  | 36.0  | 36.5  |
| Worst Pair          | 36    | 45    | 36    | 45    |
| <b>PS NEXT (dB)</b> | 4.8   | 8.8   | 4.8   | 8.8   |
| Freq. (MHz)         | 225.0 | 213.5 | 227.0 | 213.5 |
| Limit (dB)          | 33.5  | 33.8  | 33.4  | 33.8  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-12 | 12-45 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 19.8  | 19.9  | 21.7  | 21.6  |
| Freq. (MHz)          | 6.3   | 5.3   | 246.0 | 245.0 |
| Limit (dB)           | 48.3  | 49.8  | 16.4  | 16.4  |
| Worst Pair           | 45    | 45    | 45    | 12    |
| <b>PS ACR-F (dB)</b> | 21.5  | 21.4  | 21.5  | 22.5  |
| Freq. (MHz)          | 7.3   | 6.3   | 246.0 | 224.0 |
| Limit (dB)           | 44.0  | 45.3  | 13.4  | 14.2  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-78 | 36-45 | 36-78 | 36-45 |
| <b>ACR-N (dB)</b>    | 20.3  | 22.1  | 32.3  | 33.7  |
| Freq. (MHz)          | 11.0  | 4.9   | 227.5 | 214.0 |
| Limit (dB)           | 51.4  | 58.9  | 6.6   | 8.0   |
| Worst Pair           | 45    | 36    | 36    | 45    |
| <b>PS ACR-N (dB)</b> | 20.5  | 21.3  | 32.2  | 35.4  |
| Freq. (MHz)          | 11.3  | 7.8   | 227.0 | 213.5 |
| Limit (dB)           | 48.8  | 52.4  | 4.0   | 5.5   |

| <b>N/A</b>     | MAIN  | SR   | MAIN  | SR    |
|----------------|-------|------|-------|-------|
| Worst Pair     | 78    | 36   | 36    | 36    |
| <b>RL (dB)</b> | 5.3   | 4.7  | 6.3   | 6.4   |
| Freq. (MHz)    | 139.0 | 73.3 | 245.5 | 245.0 |
| Limit (dB)     | 12.6  | 15.4 | 10.1  | 10.1  |

### 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 |            |



## Cable ID: 1/256

Date / Time: 11/10/2015 06:07:41 PM

Headroom 4.7 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

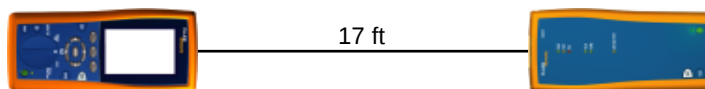
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

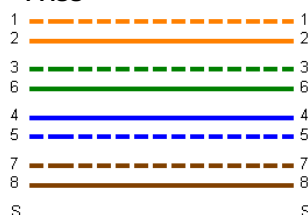
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 45] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.9   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 12-36 |
| NEXT (dB)    | 4.7   | 10.8  | 4.7   | 11.2  |
| Freq. (MHz)  | 226.0 | 213.5 | 226.0 | 233.5 |
| Limit (dB)   | 36.1  | 36.5  | 36.1  | 35.8  |
| Worst Pair   | 36    | 45    | 36    | 12    |
| PS NEXT (dB) | 4.6   | 11.3  | 4.6   | 11.4  |
| Freq. (MHz)  | 226.5 | 231.5 | 226.5 | 232.5 |
| Limit (dB)   | 33.4  | 33.3  | 33.4  | 33.2  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.0  | 19.0  | 20.3  | 20.1  |
| Freq. (MHz)   | 4.8   | 4.8   | 243.5 | 243.5 |
| Limit (dB)    | 50.7  | 50.7  | 16.5  | 16.5  |
| Worst Pair    | 12    | 12    | 45    | 12    |
| PS ACR-F (dB) | 20.6  | 20.6  | 21.0  | 21.7  |
| Freq. (MHz)   | 5.8   | 22.6  | 244.5 | 246.0 |
| Limit (dB)    | 46.0  | 34.1  | 13.4  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 36-78 | 36-45 | 12-36 | 12-36 |
| ACR-N (dB)    | 24.2  | 23.4  | 34.5  | 39.2  |
| Freq. (MHz)   | 1.9   | 4.4   | 249.5 | 233.5 |
| Limit (dB)    | 62.0  | 59.8  | 4.3   | 5.9   |
| Worst Pair    | 36    | 45    | 36    | 12    |
| PS ACR-N (dB) | 24.2  | 24.3  | 32.1  | 39.3  |
| Freq. (MHz)   | 3.3   | 4.4   | 226.5 | 232.5 |
| Limit (dB)    | 58.8  | 57.5  | 4.0   | 3.4   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 36    | 36   | 36    | 36    |
| RL (dB)     | 5.5   | 5.3  | 5.5   | 5.5   |
| Freq. (MHz) | 246.0 | 73.3 | 246.0 | 245.0 |
| Limit (dB)  | 10.1  | 15.4 | 10.1  | 10.1  |

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 |            |

LinkWare Version 8.0



## Cable ID: 1/257

Date / Time: 11/10/2015 06:08:09 PM

Headroom **4.9 dB (NEXT 12-36)**

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

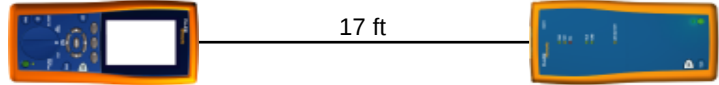
Main S/N: 1233057

Remote S/N: 1233058

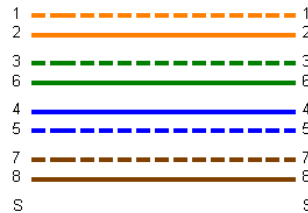
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 28.9  |
| Frequency (MHz)             | [Pair 36] | 248.5 |
| Limit (dB)                  | [Pair 36] | 31.0  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 12-36 | 36-45 | 12-36 | 36-45 |
| <b>NEXT (dB)</b>    | 4.9   | 8.3   | 4.9   | 8.9   |
| Freq. (MHz)         | 230.0 | 169.5 | 230.0 | 218.0 |
| Limit (dB)          | 35.9  | 38.1  | 35.9  | 36.3  |
| Worst Pair          | 36    | 36    | 36    | 45    |
| <b>PS NEXT (dB)</b> | 4.7   | 9.2   | 4.7   | 10.6  |
| Freq. (MHz)         | 229.5 | 169.5 | 229.5 | 220.5 |
| Limit (dB)          | 33.3  | 35.5  | 33.3  | 33.6  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-45 | 45-12 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 18.9  | 18.9  | 20.4  | 20.3  |
| Freq. (MHz)          | 4.8   | 4.8   | 246.0 | 244.5 |
| Limit (dB)           | 50.7  | 50.7  | 16.4  | 16.4  |
| Worst Pair           | 45    | 45    | 45    | 12    |
| <b>PS ACR-F (dB)</b> | 21.1  | 21.1  | 21.4  | 23.4  |
| Freq. (MHz)          | 7.9   | 7.3   | 246.0 | 246.0 |
| Limit (dB)           | 43.3  | 44.0  | 13.4  | 13.4  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 36-45 | 36-45 | 12-36 | 36-45 |
| <b>ACR-N (dB)</b>    | 21.4  | 19.7  | 32.6  | 35.9  |
| Freq. (MHz)          | 3.3   | 3.5   | 230.0 | 218.0 |
| Limit (dB)           | 61.8  | 61.7  | 6.3   | 7.6   |
| Worst Pair           | 45    | 45    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 22.2  | 20.7  | 32.4  | 40.5  |
| Freq. (MHz)          | 3.6   | 3.9   | 229.5 | 248.5 |
| Limit (dB)           | 58.6  | 58.5  | 3.7   | 1.8   |

| <b>N/A</b>     | MAIN  | SR   | MAIN  | SR    |
|----------------|-------|------|-------|-------|
| Worst Pair     | 45    | 36   | 45    | 36    |
| <b>RL (dB)</b> | 5.9   | 5.9  | 5.9   | 7.0   |
| Freq. (MHz)    | 195.5 | 59.5 | 195.5 | 245.5 |
| Limit (dB)     | 11.1  | 16.3 | 11.1  | 10.1  |

### 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 |            |



## Cable ID: 1/258

Date / Time: 11/10/2015 06:08:35 PM

Headroom 3.1 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



17 ft



### Wire Map (T568B) PASS

|   |   |
|---|---|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 6 | 6 |
| 4 | 4 |
| 5 | 5 |
| 7 | 7 |
| 8 | 8 |
| S | S |

### Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-45 | 12-36 | 36-45 |
| NEXT (dB)    | 3.1   | 8.7   | 3.1   | 8.7   |
| Freq. (MHz)  | 249.5 | 212.5 | 250.0 | 216.0 |
| Limit (dB)   | 35.4  | 36.5  | 35.3  | 36.4  |
| Worst Pair   | 36    | 45    | 36    | 36    |
| PS NEXT (dB) | 4.0   | 9.8   | 4.0   | 10.3  |
| Freq. (MHz)  | 250.0 | 212.5 | 250.0 | 246.0 |
| Limit (dB)   | 32.7  | 33.9  | 32.7  | 32.8  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.3  | 19.3  | 20.6  | 20.6  |
| Freq. (MHz)   | 5.6   | 5.1   | 245.5 | 245.5 |
| Limit (dB)    | 49.2  | 50.0  | 16.4  | 16.4  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 22.0  | 22.1  | 22.4  | 23.2  |
| Freq. (MHz)   | 24.6  | 6.8   | 245.5 | 245.5 |
| Limit (dB)    | 33.4  | 44.6  | 13.4  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 36-45 | 36-45 | 12-36 | 36-45 |
| ACR-N (dB)    | 21.7  | 20.2  | 32.1  | 35.6  |
| Freq. (MHz)   | 3.4   | 3.9   | 250.0 | 216.0 |
| Limit (dB)    | 61.8  | 60.8  | 4.2   | 7.8   |
| Worst Pair    | 45    | 45    | 36    | 36    |
| PS ACR-N (dB) | 21.6  | 20.7  | 33.0  | 39.1  |
| Freq. (MHz)   | 3.6   | 3.9   | 250.0 | 247.0 |
| Limit (dB)    | 58.6  | 58.5  | 1.6   | 1.9   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 45    | 36   | 45    | 45    |
| RL (dB)     | 5.8   | 5.4  | 5.8   | 6.5   |
| Freq. (MHz) | 250.0 | 59.3 | 250.0 | 248.0 |
| Limit (dB)  | 10.0  | 16.3 | 10.0  | 10.1  |

### 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 |            |



## Cable ID: 1/259

Date / Time: 11/10/2015 06:09:00 PM

Headroom 2.6 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

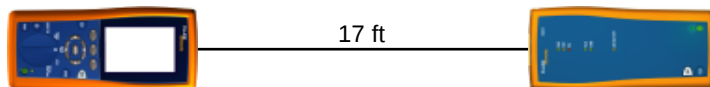
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

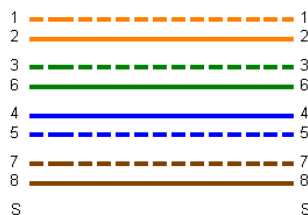
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 12-36 | 12-36 | 12-36 |
| NEXT (dB)    | 2.6   | 7.3   | 2.6   | 7.3   |
| Freq. (MHz)  | 249.5 | 249.5 | 250.0 | 249.5 |
| Limit (dB)   | 35.4  | 35.4  | 35.3  | 35.4  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 3.6   | 9.1   | 3.6   | 9.1   |
| Freq. (MHz)  | 250.0 | 249.5 | 250.0 | 249.5 |
| Limit (dB)   | 32.7  | 32.7  | 32.7  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.6  | 19.6  | 20.9  | 20.8  |
| Freq. (MHz)   | 5.6   | 5.1   | 246.0 | 245.0 |
| Limit (dB)    | 49.2  | 50.0  | 16.4  | 16.4  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 21.0  | 21.0  | 21.0  | 22.5  |
| Freq. (MHz)   | 243.5 | 5.9   | 245.0 | 246.5 |
| Limit (dB)    | 13.5  | 45.8  | 13.4  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 12-36 | 12-36 | 12-36 |
| ACR-N (dB)    | 17.2  | 19.9  | 31.6  | 36.3  |
| Freq. (MHz)   | 3.5   | 3.5   | 250.0 | 249.5 |
| Limit (dB)    | 61.7  | 61.7  | 4.2   | 4.3   |
| Worst Pair    | 12    | 36    | 36    | 36    |
| PS ACR-N (dB) | 18.5  | 20.1  | 32.6  | 38.0  |
| Freq. (MHz)   | 3.9   | 4.3   | 250.0 | 249.5 |
| Limit (dB)    | 58.5  | 57.8  | 1.6   | 1.7   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 36   | 36   | 36    | 36    |
| RL (dB)     | 6.4  | 5.2  | 6.5   | 6.3   |
| Freq. (MHz) | 4.0  | 43.5 | 246.5 | 246.0 |
| Limit (dB)  | 21.0 | 17.6 | 10.1  | 10.1  |

### 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 |            |



## Cable ID: 1/260

Date / Time: 11/10/2015 06:09:25 PM

Headroom 4.2 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

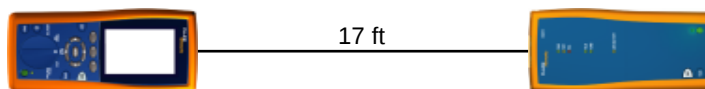
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

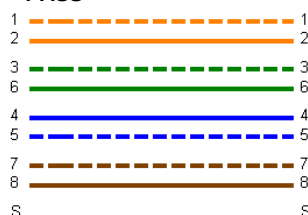
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 4.2   | 9.7   | 4.2   | 9.7   |
| Freq. (MHz)  | 249.5 | 216.5 | 249.5 | 216.5 |
| Limit (dB)   | 35.4  | 36.4  | 35.4  | 36.4  |
| Worst Pair   | 36    | 45    | 36    | 45    |
| PS NEXT (dB) | 4.3   | 10.1  | 4.3   | 10.1  |
| Freq. (MHz)  | 249.5 | 245.0 | 249.5 | 245.0 |
| Limit (dB)   | 32.7  | 32.9  | 32.7  | 32.9  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.6  | 18.7  | 20.0  | 19.9  |
| Freq. (MHz)   | 5.4   | 4.6   | 245.0 | 245.0 |
| Limit (dB)    | 49.6  | 50.9  | 16.4  | 16.4  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 21.0  | 20.8  | 21.0  | 22.5  |
| Freq. (MHz)   | 6.6   | 5.8   | 244.0 | 245.0 |
| Limit (dB)    | 44.8  | 46.0  | 13.4  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 12-36 | 36-78 | 12-36 |
| ACR-N (dB)    | 20.3  | 19.9  | 33.5  | 40.0  |
| Freq. (MHz)   | 3.8   | 8.4   | 249.5 | 248.0 |
| Limit (dB)    | 61.1  | 54.0  | 4.3   | 4.4   |
| Worst Pair    | 36    | 36    | 36    | 45    |
| PS ACR-N (dB) | 21.3  | 20.5  | 33.2  | 39.0  |
| Freq. (MHz)   | 3.8   | 8.0   | 249.5 | 245.0 |
| Limit (dB)    | 58.6  | 52.1  | 1.7   | 2.1   |

| N/A         | MAIN  | SR    | MAIN  | SR    |
|-------------|-------|-------|-------|-------|
| Worst Pair  | 45    | 36    | 45    | 36    |
| RL (dB)     | 5.3   | 6.2   | 5.3   | 6.2   |
| Freq. (MHz) | 250.0 | 245.0 | 250.0 | 245.0 |
| Limit (dB)  | 10.0  | 10.1  | 10.0  | 10.1  |

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 |            |

LinkWare Version 8.0



## Cable ID: 1/261

Date / Time: 11/10/2015 06:09:58 PM

Headroom 3.1 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

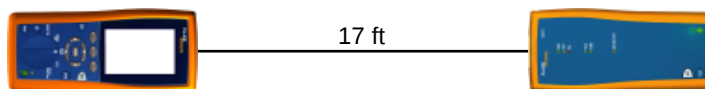
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

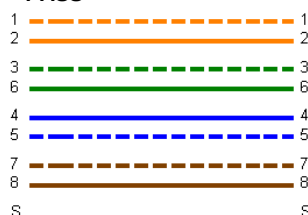
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-45 | 12-36 | 36-45 |
| NEXT (dB)    | 3.1   | 7.7   | 3.1   | 7.7   |
| Freq. (MHz)  | 250.0 | 243.5 | 250.0 | 243.5 |
| Limit (dB)   | 35.3  | 35.5  | 35.3  | 35.5  |
| Worst Pair   | 36    | 45    | 36    | 45    |
| PS NEXT (dB) | 3.1   | 8.9   | 3.1   | 9.0   |
| Freq. (MHz)  | 250.0 | 216.0 | 250.0 | 245.0 |
| Limit (dB)   | 32.7  | 33.8  | 32.7  | 32.9  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.5  | 19.5  | 21.0  | 20.8  |
| Freq. (MHz)   | 5.6   | 5.6   | 247.5 | 246.5 |
| Limit (dB)    | 49.2  | 49.2  | 16.3  | 16.4  |
| Worst Pair    | 45    | 12    | 45    | 12    |
| PS ACR-F (dB) | 21.8  | 21.8  | 21.9  | 22.4  |
| Freq. (MHz)   | 226.5 | 122.0 | 247.5 | 248.0 |
| Limit (dB)    | 14.1  | 19.5  | 13.3  | 13.3  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-78 | 36-45 | 12-36 | 36-45 |
| ACR-N (dB)    | 20.5  | 19.4  | 32.1  | 36.5  |
| Freq. (MHz)   | 3.1   | 3.6   | 250.0 | 243.5 |
| Limit (dB)    | 61.9  | 61.4  | 4.2   | 4.9   |
| Worst Pair    | 78    | 45    | 36    | 36    |
| PS ACR-N (dB) | 19.9  | 18.9  | 32.1  | 38.1  |
| Freq. (MHz)   | 3.9   | 3.9   | 250.0 | 246.0 |
| Limit (dB)    | 58.5  | 58.5  | 1.6   | 2.0   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 78    | 36   | 36    | 36    |
| RL (dB)     | 5.8   | 6.4  | 8.1   | 7.5   |
| Freq. (MHz) | 140.0 | 3.9  | 247.0 | 246.5 |
| Limit (dB)  | 12.5  | 21.0 | 10.1  | 10.1  |

### 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 |            |



## Cable ID: 1/262

Date / Time: 11/10/2015 06:10:24 PM

Headroom 3.8 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

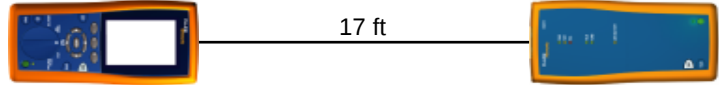
Main S/N: 1233057

Remote S/N: 1233058

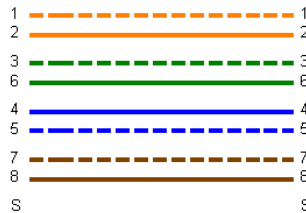
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)  
PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 12-36 | 12-36 | 12-36 |
| NEXT (dB)    | 3.8   | 7.5   | 3.8   | 7.5   |
| Freq. (MHz)  | 228.0 | 248.5 | 250.0 | 250.0 |
| Limit (dB)   | 36.0  | 35.4  | 35.3  | 35.3  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.3   | 7.5   | 4.3   | 7.5   |
| Freq. (MHz)  | 228.0 | 249.0 | 228.0 | 249.0 |
| Limit (dB)   | 33.4  | 32.7  | 33.4  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.8  | 18.8  | 20.6  | 20.4  |
| Freq. (MHz)   | 5.6   | 4.8   | 247.5 | 245.5 |
| Limit (dB)    | 49.2  | 50.7  | 16.3  | 16.4  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 20.3  | 20.9  | 20.3  | 22.3  |
| Freq. (MHz)   | 246.0 | 5.9   | 246.0 | 227.5 |
| Limit (dB)    | 13.4  | 45.8  | 13.4  | 14.0  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-78 | 45-78 | 12-36 | 12-36 |
| ACR-N (dB)    | 19.0  | 18.8  | 32.8  | 36.5  |
| Freq. (MHz)   | 3.8   | 3.4   | 250.0 | 250.0 |
| Limit (dB)    | 61.1  | 61.8  | 4.2   | 4.2   |
| Worst Pair    | 45    | 45    | 36    | 36    |
| PS ACR-N (dB) | 19.7  | 18.9  | 34.0  | 36.4  |
| Freq. (MHz)   | 3.8   | 4.0   | 250.0 | 249.0 |
| Limit (dB)    | 58.6  | 58.3  | 1.6   | 1.7   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 36   | 36   | 36    | 36    |
| RL (dB)     | 6.5  | 6.1  | 7.1   | 7.2   |
| Freq. (MHz) | 4.1  | 44.8 | 247.5 | 246.5 |
| Limit (dB)  | 21.0 | 17.5 | 10.1  | 10.1  |

### 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 |            |



## Cable ID: 1/263

Date / Time: 11/10/2015 06:10:47 PM

Headroom 2.2 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.9   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



17 ft



### Wire Map (T568B) PASS

|   |   |
|---|---|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 6 | 6 |
| 4 | 4 |
| 5 | 5 |
| 7 | 7 |
| 8 | 8 |
| S | S |

### Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 12-36 | 12-36 | 12-36 |
| NEXT (dB)    | 2.2   | 7.8   | 2.2   | 8.4   |
| Freq. (MHz)  | 249.5 | 225.5 | 250.0 | 248.5 |
| Limit (dB)   | 35.4  | 36.1  | 35.3  | 35.4  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 3.4   | 8.9   | 3.4   | 8.9   |
| Freq. (MHz)  | 250.0 | 248.5 | 250.0 | 248.5 |
| Limit (dB)   | 32.7  | 32.7  | 32.7  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.0  | 18.9  | 20.2  | 20.1  |
| Freq. (MHz)   | 5.4   | 5.4   | 246.0 | 246.0 |
| Limit (dB)    | 49.6  | 49.6  | 16.4  | 16.4  |
| Worst Pair    | 45    | 12    | 45    | 12    |
| PS ACR-F (dB) | 20.7  | 20.8  | 21.1  | 21.9  |
| Freq. (MHz)   | 227.0 | 6.1   | 246.0 | 246.0 |
| Limit (dB)    | 14.1  | 45.4  | 13.4  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-36 | 12-36 | 12-36 | 12-36 |
| ACR-N (dB)    | 20.3  | 20.7  | 31.2  | 37.3  |
| Freq. (MHz)   | 3.5   | 3.6   | 250.0 | 248.5 |
| Limit (dB)    | 61.7  | 61.4  | 4.2   | 4.4   |
| Worst Pair    | 36    | 36    | 36    | 36    |
| PS ACR-N (dB) | 20.1  | 20.0  | 32.4  | 37.7  |
| Freq. (MHz)   | 4.0   | 3.9   | 250.0 | 248.5 |
| Limit (dB)    | 58.3  | 58.5  | 1.6   | 1.8   |

| N/A         | MAIN | SR    | MAIN  | SR    |
|-------------|------|-------|-------|-------|
| Worst Pair  | 36   | 36    | 36    | 36    |
| RL (dB)     | 6.2  | 6.5   | 6.8   | 6.5   |
| Freq. (MHz) | 4.5  | 246.5 | 246.5 | 246.5 |
| Limit (dB)  | 21.0 | 10.1  | 10.1  | 10.1  |

### 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 |            |



## Cable ID: 1/264

Date / Time: 11/10/2015 06:11:11 PM

Headroom 4.4 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

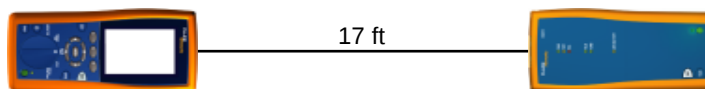
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

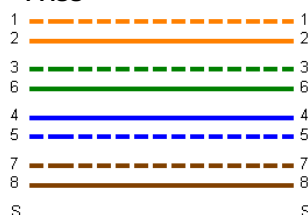
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-78 | 12-36 | 36-45 |
| NEXT (dB)    | 4.4   | 10.4  | 4.4   | 11.0  |
| Freq. (MHz)  | 250.0 | 150.5 | 250.0 | 217.5 |
| Limit (dB)   | 35.3  | 38.9  | 35.3  | 36.3  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 5.2   | 10.6  | 5.2   | 11.7  |
| Freq. (MHz)  | 250.0 | 150.5 | 250.0 | 249.0 |
| Limit (dB)   | 32.7  | 36.4  | 32.7  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.5  | 19.5  | 21.3  | 21.2  |
| Freq. (MHz)   | 5.4   | 6.1   | 247.5 | 247.0 |
| Limit (dB)    | 49.6  | 48.4  | 16.3  | 16.3  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 21.9  | 21.8  | 22.1  | 23.3  |
| Freq. (MHz)   | 6.6   | 7.0   | 247.5 | 228.0 |
| Limit (dB)    | 44.8  | 44.3  | 13.3  | 14.0  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-78 | 45-78 | 12-36 | 12-36 |
| ACR-N (dB)    | 21.5  | 21.2  | 33.4  | 41.2  |
| Freq. (MHz)   | 8.1   | 3.3   | 250.0 | 248.0 |
| Limit (dB)    | 54.3  | 61.8  | 4.2   | 4.4   |
| Worst Pair    | 45    | 45    | 36    | 36    |
| PS ACR-N (dB) | 22.1  | 22.3  | 34.2  | 40.6  |
| Freq. (MHz)   | 3.9   | 3.9   | 250.0 | 249.0 |
| Limit (dB)    | 58.5  | 58.5  | 1.6   | 1.7   |

| N/A         | MAIN  | SR    | MAIN  | SR    |
|-------------|-------|-------|-------|-------|
| Worst Pair  | 36    | 36    | 36    | 36    |
| RL (dB)     | 6.4   | 6.3   | 6.4   | 6.3   |
| Freq. (MHz) | 247.5 | 247.5 | 247.5 | 247.5 |
| Limit (dB)  | 10.1  | 10.1  | 10.1  | 10.1  |

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 |            |



## Cable ID: 1/265

Date / Time: 11/10/2015 06:12:19 PM

Headroom 4.3 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



17 ft



### Wire Map (T568B) PASS

|   |   |
|---|---|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 6 | 6 |
| 4 | 4 |
| 5 | 5 |
| 7 | 7 |
| 8 | 8 |
| S | S |

### Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-78 | 12-36 | 36-45 |
| NEXT (dB)    | 4.3   | 10.4  | 4.3   | 10.9  |
| Freq. (MHz)  | 250.0 | 150.5 | 250.0 | 217.5 |
| Limit (dB)   | 35.3  | 38.9  | 35.3  | 36.3  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 5.1   | 10.5  | 5.1   | 11.9  |
| Freq. (MHz)  | 250.0 | 150.5 | 250.0 | 248.5 |
| Limit (dB)   | 32.7  | 36.4  | 32.7  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-12 | 12-45 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.4  | 19.5  | 21.3  | 21.1  |
| Freq. (MHz)   | 6.6   | 5.6   | 245.5 | 245.5 |
| Limit (dB)    | 47.8  | 49.2  | 16.4  | 16.4  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 21.8  | 21.7  | 22.0  | 23.3  |
| Freq. (MHz)   | 8.3   | 6.6   | 245.5 | 228.5 |
| Limit (dB)    | 42.9  | 44.8  | 13.4  | 14.0  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-78 | 45-78 | 12-36 | 36-45 |
| ACR-N (dB)    | 21.2  | 20.9  | 33.3  | 37.9  |
| Freq. (MHz)   | 3.1   | 3.3   | 250.0 | 217.5 |
| Limit (dB)    | 61.9  | 61.8  | 4.2   | 7.6   |
| Worst Pair    | 45    | 78    | 36    | 36    |
| PS ACR-N (dB) | 22.3  | 22.1  | 34.1  | 40.7  |
| Freq. (MHz)   | 3.8   | 3.8   | 250.0 | 248.5 |
| Limit (dB)    | 58.6  | 58.6  | 1.6   | 1.8   |

| N/A         | MAIN | SR    | MAIN  | SR    |
|-------------|------|-------|-------|-------|
| Worst Pair  | 36   | 36    | 36    | 36    |
| RL (dB)     | 6.4  | 6.3   | 6.4   | 6.3   |
| Freq. (MHz) | 4.1  | 246.5 | 247.5 | 246.5 |
| Limit (dB)  | 21.0 | 10.1  | 10.1  | 10.1  |

### 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 |            |



## Cable ID: 1/266

Date / Time: 11/10/2015 06:11:46 PM

Headroom 3.1 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

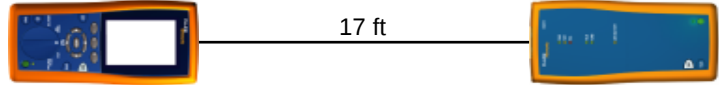
Main S/N: 1233057

Remote S/N: 1233058

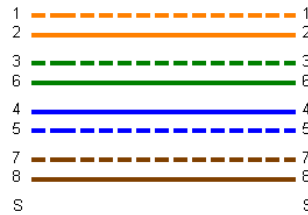
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 12-36 | 12-36 | 12-36 | 12-36 |
| <b>NEXT (dB)</b>    | 3.1   | 7.7   | 3.1   | 7.7   |
| Freq. (MHz)         | 250.0 | 228.0 | 250.0 | 228.0 |
| Limit (dB)          | 35.3  | 36.0  | 35.3  | 36.0  |
| Worst Pair          | 36    | 12    | 36    | 36    |
| <b>PS NEXT (dB)</b> | 4.1   | 8.9   | 4.1   | 9.4   |
| Freq. (MHz)         | 250.0 | 204.5 | 250.0 | 246.0 |
| Limit (dB)          | 32.7  | 34.2  | 32.7  | 32.8  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-45 | 12-45 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 19.3  | 19.3  | 20.9  | 20.7  |
| Freq. (MHz)          | 5.6   | 5.6   | 247.5 | 245.5 |
| Limit (dB)           | 49.2  | 49.2  | 16.3  | 16.4  |
| Worst Pair           | 45    | 45    | 45    | 12    |
| <b>PS ACR-F (dB)</b> | 21.0  | 21.0  | 21.4  | 22.5  |
| Freq. (MHz)          | 23.0  | 6.0   | 249.0 | 228.5 |
| Limit (dB)           | 34.0  | 45.6  | 13.3  | 14.0  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-36 | 12-36 | 12-36 | 12-36 |
| <b>ACR-N (dB)</b>    | 21.9  | 21.6  | 32.1  | 35.3  |
| Freq. (MHz)          | 4.0   | 3.6   | 250.0 | 228.0 |
| Limit (dB)           | 60.6  | 61.4  | 4.2   | 6.5   |
| Worst Pair           | 12    | 36    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 22.4  | 21.7  | 33.1  | 38.2  |
| Freq. (MHz)          | 4.0   | 3.9   | 250.0 | 246.0 |
| Limit (dB)           | 58.3  | 58.5  | 1.6   | 2.0   |

| <b>N/A</b>     | MAIN | SR   | MAIN  | SR    |
|----------------|------|------|-------|-------|
| Worst Pair     | 36   | 12   | 36    | 36    |
| <b>RL (dB)</b> | 6.3  | 6.6  | 7.6   | 7.1   |
| Freq. (MHz)    | 4.4  | 3.8  | 248.5 | 247.0 |
| Limit (dB)     | 21.0 | 21.0 | 10.0  | 10.1  |

### 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 |            |



## Cable ID: 1/267

Date / Time: 11/10/2015 06:12:48 PM

Headroom 4.9 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

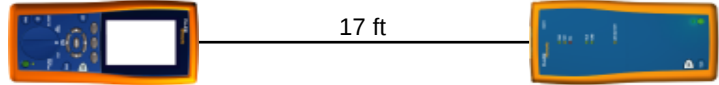
Main S/N: 1233057

Remote S/N: 1233058

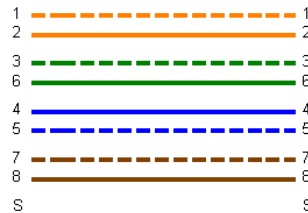
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 36-78 | 36-45 | 36-78 | 36-45 |
| NEXT (dB)    | 4.9   | 9.7   | 4.9   | 9.7   |
| Freq. (MHz)  | 228.5 | 218.0 | 228.5 | 218.0 |
| Limit (dB)   | 36.0  | 36.3  | 36.0  | 36.3  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 4.7   | 11.2  | 4.7   | 11.7  |
| Freq. (MHz)  | 228.5 | 172.5 | 228.5 | 246.0 |
| Limit (dB)   | 33.4  | 35.4  | 33.4  | 32.8  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 19.4  | 19.4  | 20.8  | 20.6  |
| Freq. (MHz)   | 8.3   | 8.3   | 247.5 | 246.0 |
| Limit (dB)    | 45.9  | 45.9  | 16.3  | 16.4  |
| Worst Pair    | 45    | 45    | 45    | 12    |
| PS ACR-F (dB) | 21.1  | 21.3  | 21.5  | 22.6  |
| Freq. (MHz)   | 228.5 | 6.6   | 248.0 | 249.5 |
| Limit (dB)    | 14.0  | 44.8  | 13.3  | 13.2  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-78 | 45-78 | 36-78 | 36-45 |
| ACR-N (dB)    | 22.9  | 22.5  | 32.6  | 36.7  |
| Freq. (MHz)   | 10.9  | 3.5   | 228.5 | 218.0 |
| Limit (dB)    | 51.5  | 61.7  | 6.5   | 7.6   |
| Worst Pair    | 78    | 45    | 36    | 36    |
| PS ACR-N (dB) | 23.2  | 22.1  | 32.4  | 40.4  |
| Freq. (MHz)   | 3.0   | 3.9   | 228.5 | 246.5 |
| Limit (dB)    | 58.9  | 58.5  | 3.8   | 2.0   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 36    | 36   | 36    | 36    |
| RL (dB)     | 6.0   | 5.6  | 6.0   | 6.0   |
| Freq. (MHz) | 247.5 | 45.0 | 247.5 | 246.5 |
| Limit (dB)  | 10.1  | 17.5 | 10.1  | 10.1  |

### 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 |            |



## Cable ID: 1/268

Date / Time: 11/10/2015 06:13:22 PM

Headroom 4.5 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

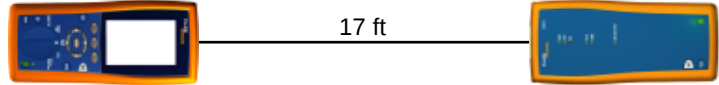
Main S/N: 1233057

Remote S/N: 1233058

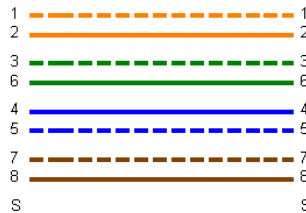
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 12] | 29.1  |
| Frequency (MHz)             | [Pair 12] | 250.0 |
| Limit (dB)                  | [Pair 12] | 31.1  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 12-36 | 36-45 | 12-36 | 36-45 |
| <b>NEXT (dB)</b>    | 4.5   | 9.3   | 5.1   | 9.3   |
| Freq. (MHz)         | 229.0 | 244.0 | 250.0 | 244.0 |
| Limit (dB)          | 36.0  | 35.5  | 35.3  | 35.5  |
| Worst Pair          | 36    | 36    | 36    | 36    |
| <b>PS NEXT (dB)</b> | 4.4   | 9.3   | 4.4   | 9.3   |
| Freq. (MHz)         | 229.5 | 249.0 | 229.5 | 249.0 |
| Limit (dB)          | 33.3  | 32.7  | 33.3  | 32.7  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-45 | 45-12 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 18.6  | 18.6  | 20.1  | 20.0  |
| Freq. (MHz)          | 4.5   | 4.5   | 248.5 | 248.5 |
| Limit (dB)           | 51.1  | 51.1  | 16.3  | 16.3  |
| Worst Pair           | 45    | 45    | 45    | 45    |
| <b>PS ACR-F (dB)</b> | 20.3  | 20.5  | 20.3  | 21.9  |
| Freq. (MHz)          | 249.0 | 5.6   | 250.0 | 223.5 |
| Limit (dB)           | 13.3  | 46.2  | 13.2  | 14.2  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 36-78 | 36-45 | 12-36 | 12-36 |
| <b>ACR-N (dB)</b>    | 21.8  | 21.9  | 34.2  | 38.7  |
| Freq. (MHz)          | 2.3   | 4.0   | 250.0 | 249.5 |
| Limit (dB)           | 62.0  | 60.6  | 4.2   | 4.3   |
| Worst Pair           | 36    | 45    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 21.9  | 22.3  | 32.0  | 38.3  |
| Freq. (MHz)          | 3.8   | 4.0   | 229.5 | 249.0 |
| Limit (dB)           | 58.6  | 58.3  | 3.7   | 1.7   |

| <b>N/A</b>     | MAIN  | SR   | MAIN  | SR    |
|----------------|-------|------|-------|-------|
| Worst Pair     | 78    | 36   | 45    | 45    |
| <b>RL (dB)</b> | 6.2   | 6.4  | 7.5   | 6.7   |
| Freq. (MHz)    | 125.0 | 74.0 | 250.0 | 249.0 |
| Limit (dB)     | 13.0  | 15.3 | 10.0  | 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: 1/269

Date / Time: 11/10/2015 06:13:46 PM

Headroom 5.6 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

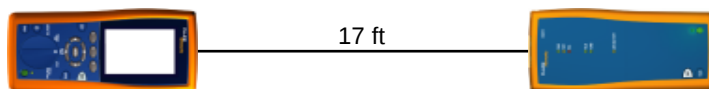
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

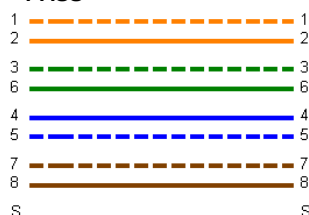
Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 12-36 | 12-36 | 12-36 |
| NEXT (dB)    | 5.6   | 10.6  | 5.6   | 10.6  |
| Freq. (MHz)  | 232.0 | 230.0 | 232.0 | 236.5 |
| Limit (dB)   | 35.9  | 35.9  | 35.9  | 35.7  |
| Worst Pair   | 36    | 36    | 36    | 36    |
| PS NEXT (dB) | 5.2   | 10.9  | 5.2   | 10.9  |
| Freq. (MHz)  | 231.0 | 248.5 | 231.0 | 248.5 |
| Limit (dB)   | 33.3  | 32.7  | 33.3  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.2  | 18.2  | 20.4  | 20.3  |
| Freq. (MHz)   | 4.6   | 4.6   | 248.0 | 248.0 |
| Limit (dB)    | 50.9  | 50.9  | 16.3  | 16.3  |
| Worst Pair    | 45    | 12    | 45    | 12    |
| PS ACR-F (dB) | 20.5  | 20.7  | 21.3  | 22.8  |
| Freq. (MHz)   | 5.6   | 6.3   | 249.5 | 246.5 |
| Limit (dB)    | 46.2  | 45.3  | 13.2  | 13.4  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-78 | 36-78 | 12-36 | 12-36 |
| ACR-N (dB)    | 20.8  | 24.2  | 33.4  | 38.8  |
| Freq. (MHz)   | 10.8  | 1.0   | 232.0 | 236.5 |
| Limit (dB)    | 51.6  | 62.0  | 6.1   | 5.6   |
| Worst Pair    | 12    | 45    | 36    | 36    |
| PS ACR-N (dB) | 22.3  | 23.6  | 33.0  | 39.7  |
| Freq. (MHz)   | 3.0   | 3.9   | 232.0 | 248.5 |
| Limit (dB)    | 58.9  | 58.5  | 3.5   | 1.8   |

| N/A         | MAIN  | SR   | MAIN  | SR    |
|-------------|-------|------|-------|-------|
| Worst Pair  | 78    | 36   | 36    | 36    |
| RL (dB)     | 5.6   | 5.5  | 6.6   | 5.9   |
| Freq. (MHz) | 125.0 | 43.8 | 249.5 | 248.0 |
| Limit (dB)  | 13.0  | 17.6 | 10.0  | 10.1  |

### 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 |            |



## Cable ID: 1/270

Date / Time: 11/10/2015 06:14:40 PM

Headroom 4.4 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

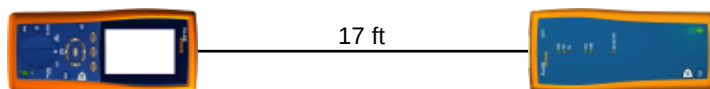
Main S/N: 1233057

Remote S/N: 1233058

Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)

PASS



Worst Case Margin Worst Case Value

| PASS         | MAIN  | SR    | MAIN  | SR    |
|--------------|-------|-------|-------|-------|
| Worst Pair   | 12-36 | 36-45 | 12-36 | 36-45 |
| NEXT (dB)    | 4.4   | 10.1  | 4.4   | 10.1  |
| Freq. (MHz)  | 250.0 | 249.0 | 250.0 | 249.0 |
| Limit (dB)   | 35.3  | 35.4  | 35.3  | 35.4  |
| Worst Pair   | 36    | 45    | 36    | 45    |
| PS NEXT (dB) | 4.9   | 10.1  | 5.0   | 10.1  |
| Freq. (MHz)  | 230.0 | 250.0 | 250.0 | 250.0 |
| Limit (dB)   | 33.3  | 32.7  | 32.7  | 32.7  |

| PASS          | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 12-45 | 45-12 | 12-45 | 45-12 |
| ACR-F (dB)    | 18.6  | 18.6  | 20.3  | 20.2  |
| Freq. (MHz)   | 4.6   | 4.6   | 249.0 | 249.0 |
| Limit (dB)    | 50.9  | 50.9  | 16.3  | 16.3  |
| Worst Pair    | 12    | 12    | 45    | 12    |
| PS ACR-F (dB) | 20.6  | 20.7  | 20.9  | 21.7  |
| Freq. (MHz)   | 5.8   | 5.9   | 248.0 | 250.0 |
| Limit (dB)    | 46.0  | 45.8  | 13.3  | 13.2  |

| N/A           | MAIN  | SR    | MAIN  | SR    |
|---------------|-------|-------|-------|-------|
| Worst Pair    | 45-78 | 45-78 | 12-36 | 36-45 |
| ACR-N (dB)    | 21.2  | 20.6  | 33.4  | 39.3  |
| Freq. (MHz)   | 3.8   | 3.6   | 250.0 | 249.0 |
| Limit (dB)    | 61.1  | 61.4  | 4.2   | 4.3   |
| Worst Pair    | 78    | 45    | 36    | 45    |
| PS ACR-N (dB) | 21.6  | 21.6  | 34.0  | 39.3  |
| Freq. (MHz)   | 2.9   | 3.9   | 250.0 | 250.0 |
| Limit (dB)    | 59.0  | 58.5  | 1.6   | 1.6   |

| N/A         | MAIN | SR   | MAIN  | SR    |
|-------------|------|------|-------|-------|
| Worst Pair  | 36   | 36   | 36    | 36    |
| RL (dB)     | 6.5  | 5.7  | 6.5   | 6.0   |
| Freq. (MHz) | 4.1  | 44.0 | 249.5 | 248.5 |
| Limit (dB)  | 21.0 | 17.6 | 10.0  | 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: 1/271

Date / Time: 11/10/2015 06:15:32 PM

Headroom 6.0 dB (NEXT 36-78)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

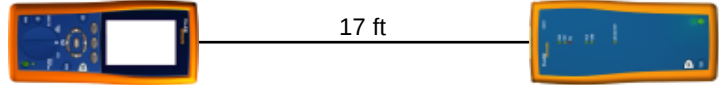
Main S/N: 1233057

Remote S/N: 1233058

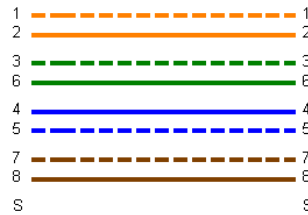
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.9   |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 36-78 | 36-78 | 36-78 | 12-45 |
| <b>NEXT (dB)</b>    | 6.0   | 10.9  | 6.0   | 11.9  |
| Freq. (MHz)         | 230.5 | 174.5 | 230.5 | 231.5 |
| Limit (dB)          | 35.9  | 37.9  | 35.9  | 35.9  |
| Worst Pair          | 36    | 12    | 36    | 12    |
| <b>PS NEXT (dB)</b> | 5.6   | 11.1  | 5.6   | 11.1  |
| Freq. (MHz)         | 230.5 | 231.0 | 230.5 | 231.0 |
| Limit (dB)          | 33.3  | 33.3  | 33.3  | 33.3  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-12 | 12-45 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 18.7  | 18.8  | 20.4  | 20.2  |
| Freq. (MHz)          | 6.3   | 4.6   | 249.0 | 249.0 |
| Limit (dB)           | 48.3  | 50.9  | 16.3  | 16.3  |
| Worst Pair           | 45    | 45    | 45    | 45    |
| <b>PS ACR-F (dB)</b> | 20.9  | 20.6  | 21.1  | 22.1  |
| Freq. (MHz)          | 23.0  | 6.3   | 250.0 | 228.5 |
| Limit (dB)           | 34.0  | 45.3  | 13.2  | 14.0  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 36-45 | 36-45 | 36-78 | 12-45 |
| <b>ACR-N (dB)</b>    | 23.8  | 23.6  | 33.9  | 39.9  |
| Freq. (MHz)          | 3.0   | 3.5   | 230.5 | 231.5 |
| Limit (dB)           | 61.9  | 61.7  | 6.2   | 6.1   |
| Worst Pair           | 36    | 45    | 36    | 12    |
| <b>PS ACR-N (dB)</b> | 23.7  | 24.0  | 33.3  | 38.9  |
| Freq. (MHz)          | 3.1   | 3.9   | 230.5 | 231.0 |
| Limit (dB)           | 58.9  | 58.5  | 3.6   | 3.6   |

| <b>N/A</b>     | MAIN  | SR    | MAIN  | SR    |
|----------------|-------|-------|-------|-------|
| Worst Pair     | 36    | 36    | 36    | 36    |
| <b>RL (dB)</b> | 6.4   | 5.7   | 6.4   | 5.7   |
| Freq. (MHz)    | 250.0 | 250.0 | 250.0 | 250.0 |
| Limit (dB)     | 10.0  | 10.0  | 10.0  | 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: 1/272

Date / Time: 11/10/2015 06:15:57 PM

Headroom 3.7 dB (NEXT 12-36)

Test Limit: TIA Cat 6 Perm. Link

Cable Type: Cat 6 UTP

Calibration Date: 02/19/2010

Operator: DALUX

Software Version: 2.2400

Limits Version: 1.3700

NVP: 69.0%

## Test Summary: PASS

Model: DTX-1800

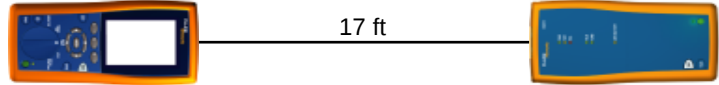
Main S/N: 1233057

Remote S/N: 1233058

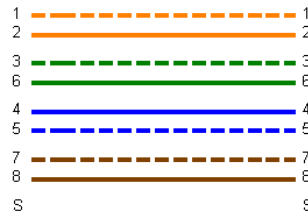
Main Adapter: DTX-PLA002

Remote Adapter: DTX-CHA002

|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 36] | 17    |
| Prop. Delay (ns), Limit 498 | [Pair 12] | 26    |
| Delay Skew (ns), Limit 44   | [Pair 12] | 1     |
| Resistance (ohms)           | [Pair 12] | 0.8   |
| Insertion Loss Margin (dB)  | [Pair 36] | 29.0  |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



Wire Map (T568B)  
**PASS**



Worst Case Margin Worst Case Value

| <b>PASS</b>         | MAIN  | SR    | MAIN  | SR    |
|---------------------|-------|-------|-------|-------|
| Worst Pair          | 12-36 | 36-45 | 36-78 | 36-45 |
| <b>NEXT (dB)</b>    | 3.7   | 10.5  | 3.7   | 11.1  |
| Freq. (MHz)         | 228.0 | 193.5 | 231.5 | 248.0 |
| Limit (dB)          | 36.0  | 37.2  | 35.9  | 35.4  |
| Worst Pair          | 36    | 36    | 36    | 36    |
| <b>PS NEXT (dB)</b> | 3.2   | 10.6  | 3.2   | 10.6  |
| Freq. (MHz)         | 231.0 | 248.0 | 231.0 | 249.0 |
| Limit (dB)          | 33.3  | 32.8  | 33.3  | 32.7  |

| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-45 | 12-45 | 12-45 | 45-12 |
| <b>ACR-F (dB)</b>    | 18.7  | 18.7  | 19.9  | 19.7  |
| Freq. (MHz)          | 4.6   | 8.3   | 247.0 | 247.5 |
| Limit (dB)           | 50.9  | 45.9  | 16.3  | 16.3  |
| Worst Pair           | 45    | 45    | 45    | 12    |
| <b>PS ACR-F (dB)</b> | 19.7  | 19.9  | 19.9  | 21.9  |
| Freq. (MHz)          | 146.5 | 5.3   | 250.0 | 249.5 |
| Limit (dB)           | 17.9  | 46.8  | 13.2  | 13.2  |

| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 12-36 | 36-45 | 12-36 | 12-36 |
| <b>ACR-N (dB)</b>    | 19.4  | 22.3  | 31.2  | 40.5  |
| Freq. (MHz)          | 4.9   | 3.5   | 228.5 | 250.0 |
| Limit (dB)           | 58.9  | 61.7  | 6.5   | 4.2   |
| Worst Pair           | 36    | 36    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 19.9  | 22.5  | 30.9  | 39.5  |
| Freq. (MHz)          | 4.0   | 4.0   | 231.0 | 249.0 |
| Limit (dB)           | 58.3  | 58.3  | 3.6   | 1.7   |

| <b>N/A</b>     | MAIN | SR    | MAIN  | SR    |
|----------------|------|-------|-------|-------|
| Worst Pair     | 36   | 36    | 36    | 36    |
| <b>RL (dB)</b> | 6.5  | 5.9   | 6.7   | 5.9   |
| Freq. (MHz)    | 4.1  | 248.0 | 248.5 | 248.0 |
| Limit (dB)     | 21.0 | 10.1  | 10.0  | 10.1  |

### 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 |            |