



## Cable ID: KSFA-2000

**Test Summary: PASS**

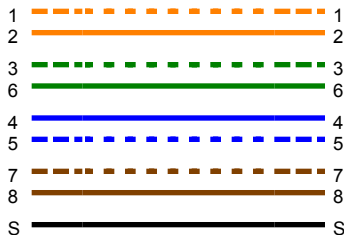
Date / Time: 04/30/2019 12:37:40pm  
Headroom: 3.6 dB (NEXT 36-45)  
Test Limit: TIA Cat 6A Perm. Link  
Cable Type: Cat 6A FTP

Operator: LANBERG  
Software Version: 2.5200  
Limits Version: 1.7000  
NVP: 74.0%

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

Wire Map (T568B)

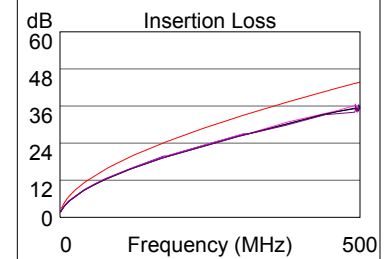
**PASS**



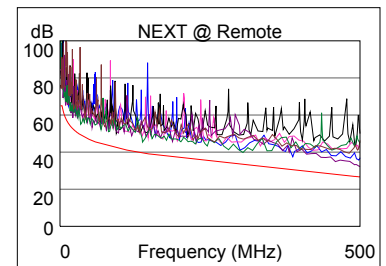
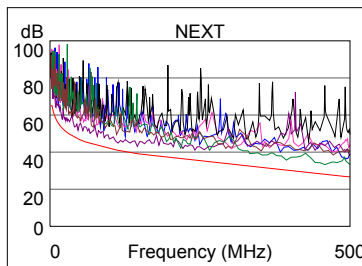
259 ft



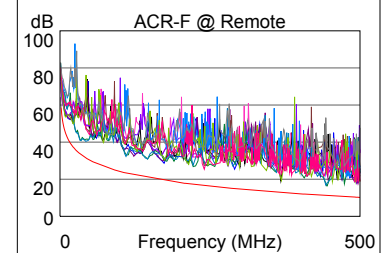
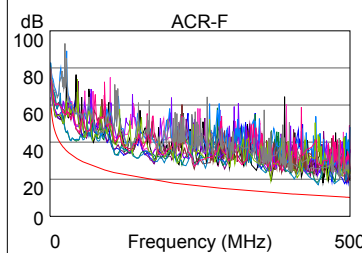
|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 78] | 259   |
| Prop. Delay (ns), Limit 498 |           | 378   |
| Delay Skew (ns), Limit 44   |           | 22    |
| Resistance (ohms)           | [Pair 36] | 15.8  |
| Insertion Loss Margin (dB)  | [Pair 36] | 6.8   |
| Frequency (MHz)             | [Pair 36] | 492.0 |
| Limit (dB)                  | [Pair 36] | 43.3  |



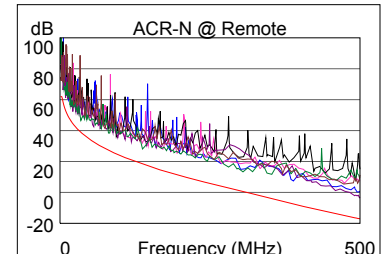
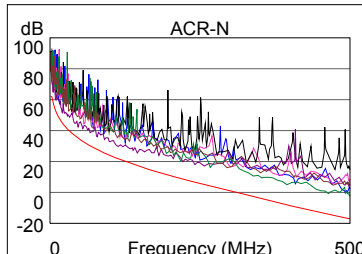
|                     | Worst Case Margin |       | Worst Case Value |       |
|---------------------|-------------------|-------|------------------|-------|
| <b>PASS</b>         | MAIN              | SR    | MAIN             | SR    |
| Worst Pair          | 36-45             | 36-78 | 36-78            | 36-45 |
| <b>NEXT (dB)</b>    | 3.6               | 5.4   | 5.3              | 5.6   |
| Freq. (MHz)         | 108.5             | 34.8  | 463.0            | 499.0 |
| Limit (dB)          | 41.3              | 49.2  | 27.8             | 26.7  |
| Worst Pair          | 45                | 36    | 36               | 36    |
| <b>PS NEXT (dB)</b> | 5.1               | 6.4   | 7.4              | 6.8   |
| Freq. (MHz)         | 122.5             | 26.6  | 500.0            | 499.0 |
| Limit (dB)          | 37.8              | 48.7  | 23.8             | 23.8  |



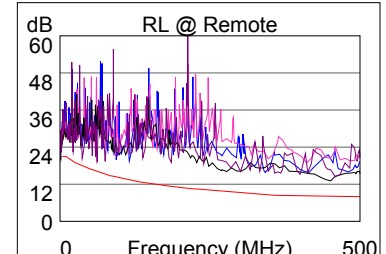
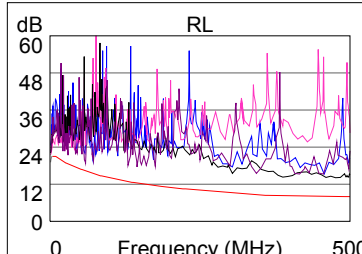
|                      |       |       |       |       |
|----------------------|-------|-------|-------|-------|
| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
| Worst Pair           | 45-36 | 45-36 | 45-36 | 45-36 |
| <b>ACR-F (dB)</b>    | 4.9   | 4.5   | 4.9   | 4.5   |
| Freq. (MHz)          | 445.0 | 444.0 | 445.0 | 444.0 |
| Limit (dB)           | 11.2  | 11.2  | 11.2  | 11.2  |
| Worst Pair           | 36    | 45    | 36    | 45    |
| <b>PS ACR-F (dB)</b> | 6.4   | 6.9   | 6.4   | 6.9   |
| Freq. (MHz)          | 447.0 | 446.0 | 447.0 | 446.0 |
| Limit (dB)           | 8.2   | 8.2   | 8.2   | 8.2   |



|                      |       |       |       |       |
|----------------------|-------|-------|-------|-------|
| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
| Worst Pair           | 36-45 | 36-45 | 36-78 | 36-45 |
| <b>ACR-N (dB)</b>    | 5.6   | 7.4   | 14.9  | 13.6  |
| Freq. (MHz)          | 9.4   | 5.3   | 499.0 | 499.0 |
| Limit (dB)           | 52.9  | 58.2  | -17.0 | -17.0 |
| Worst Pair           | 45    | 45    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 6.5   | 7.7   | 14.9  | 14.7  |
| Freq. (MHz)          | 9.4   | 9.4   | 500.0 | 500.0 |
| Limit (dB)           | 50.6  | 50.6  | -20.0 | -20.0 |



|                |      |      |       |       |
|----------------|------|------|-------|-------|
| <b>PASS</b>    | MAIN | SR   | MAIN  | SR    |
| Worst Pair     | 78   | 78   | 78    | 45    |
| <b>RL (dB)</b> | 2.5  | 1.1  | 5.0   | 5.1   |
| Freq. (MHz)    | 59.0 | 37.5 | 418.0 | 451.0 |
| Limit (dB)     | 16.3 | 18.1 | 8.0   | 8.0   |



Compliant Network Standards:

10BASE-T 100BASE-TX  
1000BASE-T 10GBASE-T  
ATM-51 ATM-155  
TR-4 TR-16 Active

100BASE-T4  
ATM-25  
100VG-AnyLan  
TR-16 Passive