



## Cable ID: KSF6-1090

**Test Summary: PASS**

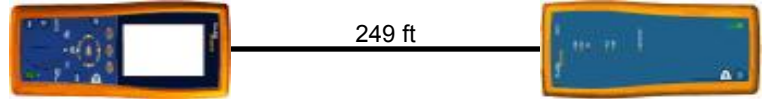
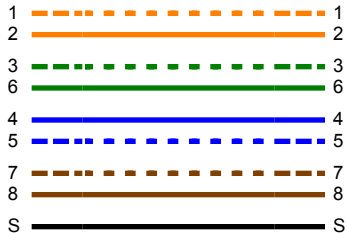
Date / Time: 11/03/2018 02:30:42pm  
Headroom: 4.5 dB (NEXT 12-45)  
Test Limit: TIA Cat 6 Perm. Link  
Cable Type: Cat 6 FTP

Operator: LANBERG  
Software Version: 2.5200  
Limits Version: 1.7000  
NVP: 70.0%

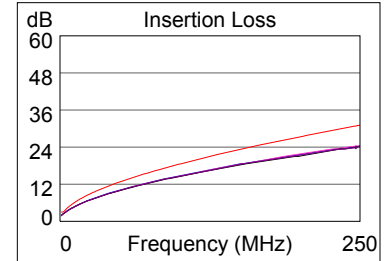
Model: DTX-1800  
Main S/N: 1314035  
Remote S/N: 1314036  
Main Adapter: DTX-PLA002  
Remote Adapter: DTX-PLA002

### Wire Map (T568B)

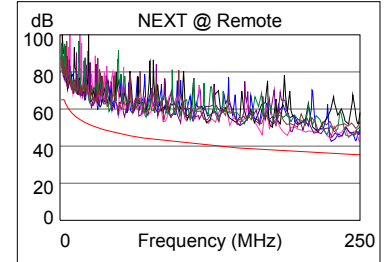
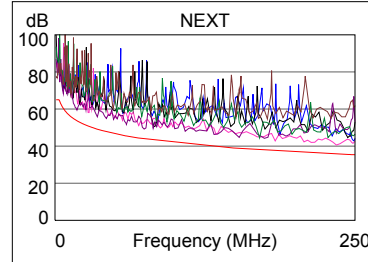
**PASS**



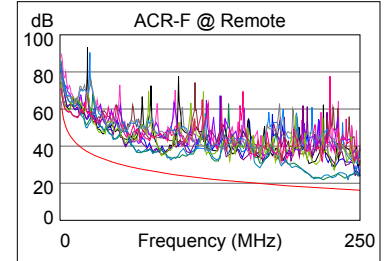
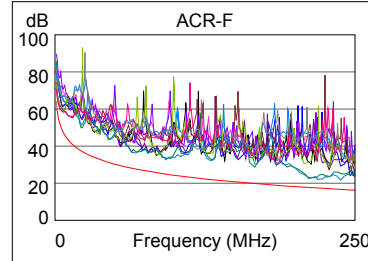
|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 295      | [Pair 78] | 249   |
| Prop. Delay (ns), Limit 498 |           | 384   |
| Delay Skew (ns), Limit 44   |           | 23    |
| Resistance (ohms)           | [Pair 45] | 11.1  |
| Insertion Loss Margin (dB)  | [Pair 36] | 6.6   |
| Frequency (MHz)             | [Pair 36] | 250.0 |
| Limit (dB)                  | [Pair 36] | 31.1  |



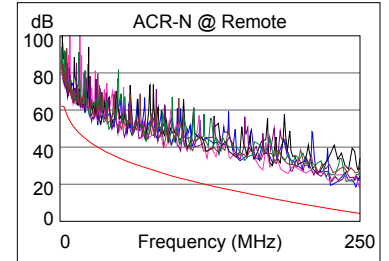
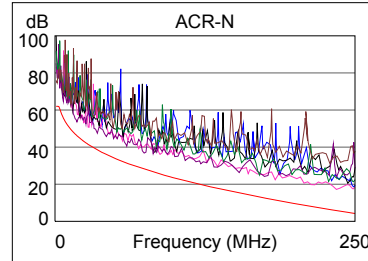
|                     | Worst Case Margin |       | Worst Case Value |       |
|---------------------|-------------------|-------|------------------|-------|
| <b>PASS</b>         | MAIN              | SR    | MAIN             | SR    |
| Worst Pair          | 12-45             | 12-36 | 12-45            | 12-45 |
| <b>NEXT (dB)</b>    | 4.5               | 6.5   | 4.8              | 7.2   |
| Freq. (MHz)         | 214.5             | 226.0 | 234.5            | 250.0 |
| Limit (dB)          | 36.4              | 36.1  | 35.8             | 35.3  |
| Worst Pair          | 45                | 36    | 12               | 36    |
| <b>PS NEXT (dB)</b> | 5.4               | 6.4   | 6.1              | 6.4   |
| Freq. (MHz)         | 134.5             | 226.0 | 248.5            | 226.0 |
| Limit (dB)          | 37.2              | 33.4  | 32.7             | 33.4  |



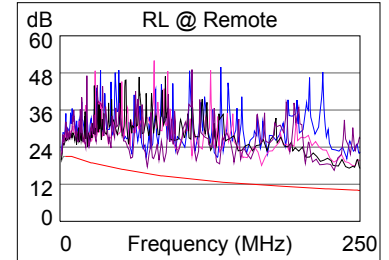
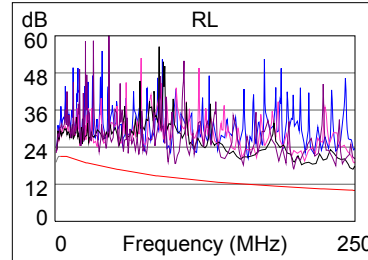
|                      |       |       |       |       |
|----------------------|-------|-------|-------|-------|
| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
| Worst Pair           | 45-36 | 36-45 | 45-36 | 36-45 |
| <b>ACR-F (dB)</b>    | 4.5   | 4.5   | 4.8   | 5.2   |
| Freq. (MHz)          | 219.5 | 219.5 | 238.5 | 238.5 |
| Limit (dB)           | 17.4  | 17.4  | 16.6  | 16.6  |
| Worst Pair           | 36    | 36    | 36    | 45    |
| <b>PS ACR-F (dB)</b> | 7.1   | 7.4   | 7.1   | 7.6   |
| Freq. (MHz)          | 238.5 | 218.5 | 238.5 | 238.5 |
| Limit (dB)           | 13.6  | 14.4  | 13.6  | 13.6  |



|                      |       |       |       |       |
|----------------------|-------|-------|-------|-------|
| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
| Worst Pair           | 36-45 | 36-45 | 12-45 | 12-45 |
| <b>ACR-N (dB)</b>    | 7.4   | 10.1  | 11.4  | 14.0  |
| Freq. (MHz)          | 18.3  | 6.6   | 234.5 | 250.0 |
| Limit (dB)           | 46.2  | 56.1  | 5.8   | 4.2   |
| Worst Pair           | 36    | 45    | 12    | 36    |
| <b>PS ACR-N (dB)</b> | 8.4   | 9.7   | 12.8  | 14.1  |
| Freq. (MHz)          | 6.8   | 6.5   | 248.5 | 246.0 |
| Limit (dB)           | 53.6  | 54.0  | 1.8   | 2.0   |



|                |      |      |       |       |
|----------------|------|------|-------|-------|
| <b>PASS</b>    | MAIN | SR   | MAIN  | SR    |
| Worst Pair     | 78   | 78   | 78    | 78    |
| <b>RL (dB)</b> | 4.3  | 2.1  | 5.8   | 5.8   |
| Freq. (MHz)    | 36.8 | 73.0 | 199.5 | 229.0 |
| Limit (dB)     | 18.2 | 15.4 | 11.0  | 10.4  |



### Compliant Network Standards:

10BASE-T 100BASE-TX 100BASE-T  
ATM-155 ATM-25 ATM-51  
TR-16 Active 100VG-AnyLan TR-4  
TR-16 Passive