



### Cable ID: S/FTP-C7-3-28AWG

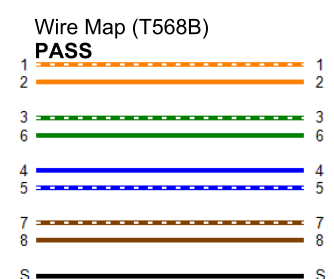
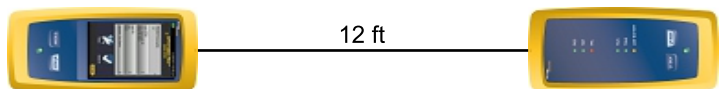
Date / Time: 06/04/2019 02:30:14 PM  
 Headroom 9.3 dB (NEXT 45-78)  
 Test Limit: TIA Cat 6A Channel  
 Cable Type: Cat 7 S/FTP  
 NVP: 78.0%

Software Version: V6.1 Build 3  
 Limits Version: V7.1  
 Calibration Start Date:  
 Main (Module): 03/19/2019  
 Remote (Module): 03/19/2019

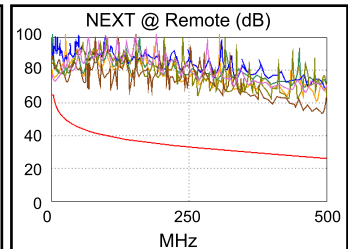
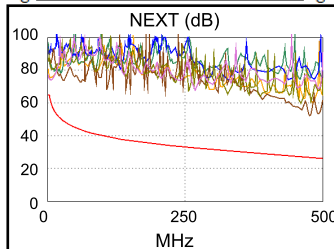
### Test Summary: PASS

Model: NKA-0789  
 Main S/N: 1903179  
 Remote S/N: 1852211  
 Main Adapter: DSX-CHA804  
 Remote Adapter: DSX-CHA804

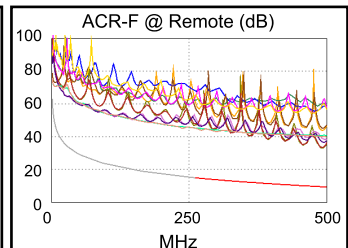
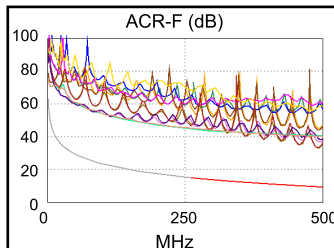
|                             |           |       |
|-----------------------------|-----------|-------|
| Length (ft), Limit 328      | [Pair 12] | 12    |
| Prop. Delay (ns), Limit 555 | [Pair 12] | 16    |
| Delay Skew (ns), Limit 50   | [Pair 12] | 0     |
| Resistance (ohms)           | [Pair 12] | 1.35  |
|                             |           |       |
| Insertion Loss Margin (dB)  | [Pair 45] | 45.9  |
| Frequency (MHz)             | [Pair 45] | 494.0 |
| Limit (dB)                  | [Pair 45] | 49.0  |



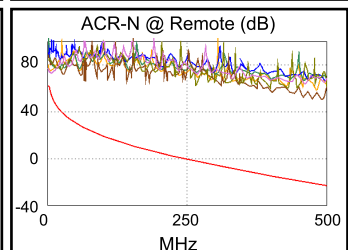
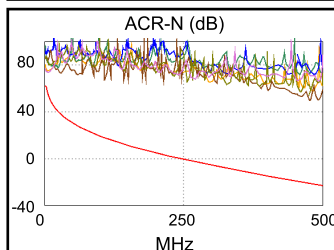
|                     | Worst Case Margin |       | Worst Case Value |       |
|---------------------|-------------------|-------|------------------|-------|
| <b>PASS</b>         | MAIN              | SR    | MAIN             | SR    |
| Worst Pair          | 45-78             | 45-78 | 36-45            | 36-45 |
| <b>NEXT (dB)</b>    | 9.8               | 9.3   | 25.6             | 25.6  |
| Freq. (MHz)         | 3.0               | 3.0   | 477.0            | 476.0 |
| Limit (dB)          | 65.0              | 65.0  | 26.7             | 26.7  |
| Worst Pair          | 45                | 45    | 36               | 36    |
| <b>PS NEXT (dB)</b> | 12.2              | 11.9  | 28.0             | 28.3  |
| Freq. (MHz)         | 3.3               | 3.0   | 478.0            | 477.0 |
| Limit (dB)          | 62.0              | 62.0  | 23.7             | 23.8  |



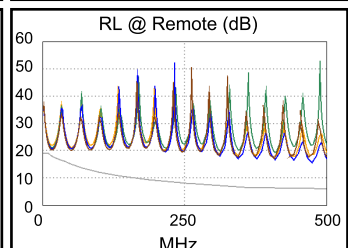
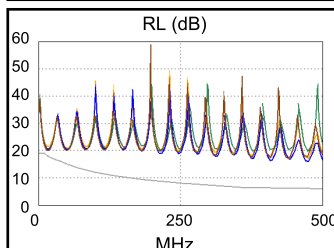
| <b>PASS</b>          | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 36-45 | 36-45 | 36-45 | 36-45 |
| <b>ACR-F (dB)</b>    | 23.6  | 23.5  | 23.7  | 23.6  |
| Freq. (MHz)          | 490.0 | 490.0 | 492.0 | 492.0 |
| Limit (dB)           | 9.5   | 9.5   | 9.4   | 9.4   |
| Worst Pair           | 78    | 78    | 36    | 36    |
| <b>PS ACR-F (dB)</b> | 14.8  | 14.9  | 25.7  | 25.1  |
| Freq. (MHz)          | 1.0   | 1.0   | 493.0 | 492.0 |
| Limit (dB)           | 60.3  | 60.3  | 6.4   | 6.4   |



| <b>N/A</b>           | MAIN  | SR    | MAIN  | SR    |
|----------------------|-------|-------|-------|-------|
| Worst Pair           | 45-78 | 45-78 | 36-45 | 36-45 |
| <b>ACR-N (dB)</b>    | 12.8  | 12.6  | 71.1  | 71.0  |
| Freq. (MHz)          | 2.3   | 3.0   | 477.0 | 476.0 |
| Limit (dB)           | 61.8  | 61.4  | -21.4 | -21.3 |
| Worst Pair           | 45    | 45    | 36    | 36    |
| <b>PS ACR-N (dB)</b> | 15.5  | 15.2  | 73.7  | 74.0  |
| Freq. (MHz)          | 2.4   | 3.0   | 478.0 | 477.0 |
| Limit (dB)           | 58.7  | 58.4  | -24.4 | -24.3 |



| <b>PASS</b>    | MAIN  | SR    | MAIN  | SR    |
|----------------|-------|-------|-------|-------|
| Worst Pair     | 45    | 45    | 12    | 78    |
| <b>RL (dB)</b> | 12.0  | 12.4  | 10.9  | 10.9  |
| Freq. (MHz)    | 497.0 | 497.0 | 474.0 | 407.0 |
| Limit (dB)     | 6.0   | 6.0   | 6.0   | 6.0   |



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