

SLT3 SINGLE LINE TESTER**SHIELDED VERSION****UNSHIELDED VERSION****1.0 SCOPE**

This document provides instructions on SLT3 Single line Tester

2.0 PROCEDURE

The SLT3 tester is used to check for wiring errors on 2, 3 and 4-pair voice and data channels. The continually sequencing LED display provides instant indication of any shorts, opens, reversals. The SLT3 tester includes a nine-volt battery. There is no calibration required prior to use.

The Master and Remote units separate for end-to-end testing of installed cabling. Use the tester to check each channel back to the Main Distribution Frame, verify cross connections, and test all line/patch cords.

Use of 4 & 6-wire (RJ11-Type) plugs may cause irreparable harm to the contacts and void the warranty.

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TROUBLE SHOOTING: SYSTEM TO DROP

If there are many tests to be performed or the tests involve substantial distances, Molex Connected Enterprise Solutions recommends using two people with cell phones or walkie talkies.

We have used the finest contact sets available in the SLT3. We do, however, recommend that a short line cord be plugged into the tester and that the line cord be used to connect and disconnect to/from the channel under test. This will reduce wear on the tester contact set and ensure long-term, reliable operation.

1. Select the proper jacks on the SLT3 tester for the wiring scheme to be tested.
2. Attach the Remote unit at the drop location.
3. Attach the Master unit at the main cross connect.
4. Read the LEDs on the following charts.
5. If the channel tests good, go to step 6. If the channel tests bad, identify the channel with a tag.
6. Test the next channel as above.
7. Go back and repair each channel marked with a tag.
8. Go on to the next cable, if applicable.

Master	Remote	Diagnosis
LED ON	LED Green	Good Channel
LED ON	LED Red	Reversal*
LED ON	LED OFF	Short within pair
2 LEDs ON	2 LEDs ON	Short between pairs
LED OFF	LED OFF	Open
LED out of sequence	LED out of sequence	Transposed pairs

*Reversal wiring may be required on some systems