

Introduction Sheet for Etool of SL Jack

1. INTRODUCTION

This instruction sheet covers the proper use and maintenance of termination tool kits 760248857 for CommScope SL series modular jacks. See Figure 1.



Figure 1

This tool kit is designed to terminate 23-24 AWG solid conductors to unshielded SL series modular jacks. Detail list of compatible modular jacks refer to the appendix.

Note: Tool is not compatible with cable jacket diameter bigger than 0.24".

2. DESCRIPTION

Tool kit part number 760248857 for SL series modular jacks consists of:

- 1 piece Tool Assembly
- 6 pieces Lacing Fixture

3. TERMINATION PROCEDURE

3.1 Remove the cable jacket, rip cord, binder and cross filler if they exist, leaving only the twisted pairs of wire. See Figure 2.

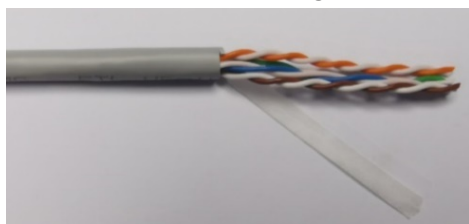


Figure 2

3.2 Insert the cable into the lacing fixture until the cable jacket is aligned with the shelf. See Figure 3.

* If using an optional strain relief, slide it over the cable jacket.



Figure 3

3.3 Rotate the cable so that the pairs of wires are oriented approximately with the wiring label on the outside of the lacing fixture.

3.4 Following the wire identification label, use the inside towers between the wire positioning slots to begin to separate the wire pairs. Untwist just enough of the wire to lay straight across the lacing fixture to the outside wire position slot. See Figure 4.

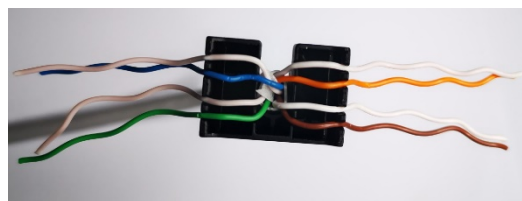


Figure 4

3.5 Orient the jack so that the color coding on the jack mates with proper conductor of lacing fixture. Insert the jack into the lacing fixture until it is engaged by approximately 4mm [.160 in.]. See Figure 5.

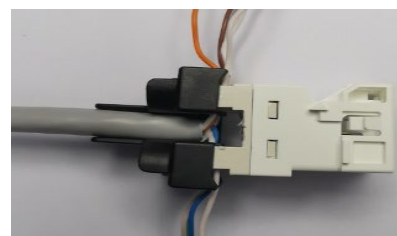


Figure 5

3.6 Insert the lacing fixture with the jack into the tool. See Figure 6.

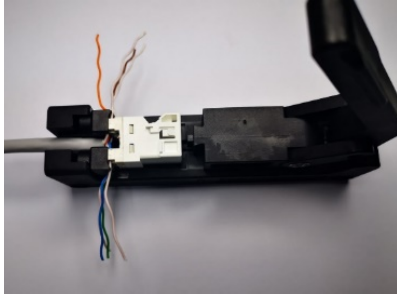


Figure 6

3.7 Squeeze the tool handle until the bottom. The wires are fully inserted into the jack and the blade inside the lacing fixture cut the extra wires. See Figure 7. Then release the handle and remove the lacing fixture and jack.

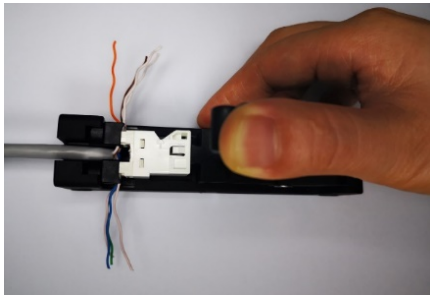


Figure 7

3.8 If necessary, remove the cut wires from the lacing fixture and discard them.

3.9 Remove the jack from the lacing fixture as follows:

- a) Hold the lacing fixture firmly with one hand and the jack with the other hand.
- b) Slightly move (wiggle) the jack back and forth while pulling in opposite direction. See Figure 8.

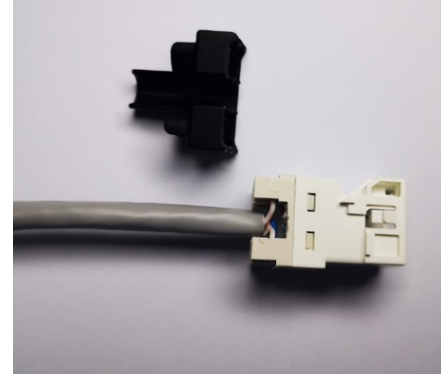


Figure 8

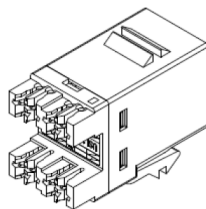
3.10 Remove the lacing fixture from the cable, position the strain relief over the jack and snap into place. See Figure 9.



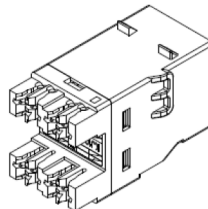
Figure 9

4. Appendix:

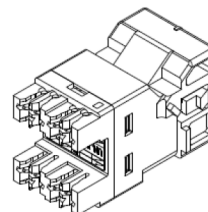
The tool can be used with SL (With/without dust cover), KJ, M series Unshielded Modular Jacks.



SL Series



KJ Series



M Series