

Slimline ModPlug terminated on CS44P-IO cable

1. General product information

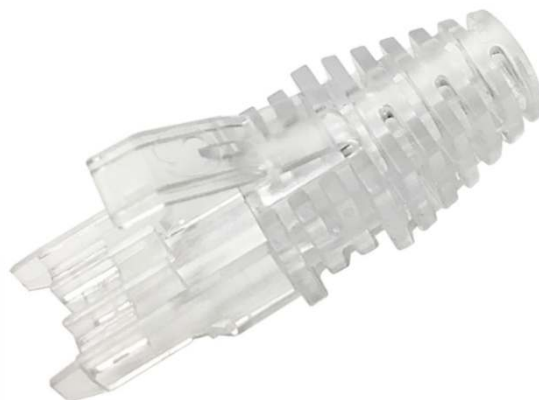
These instructions provide the termination procedure for the Field Term. RJ45 Modular Plug for use in Modular Plug Terminated Links (MPTL). With these assembly instructions the cable assemblies are done using Slimline UTP Mod plug kit and CS44P-IO cable.

This instruction sheet is for terminating:

Material ID	Product	Description
6-2843007-1	Slimline Mod Plug Kit	Mod plug and load bar
2843018-3	Plug Boot, transparent	Boot / Wire Manager
874036404/10	CS44P-IO BLK Cable	C6A 4/23 U/UTP RL 1KFT



Slimline Mod Plug Kit



Boot / Wire Manager

2. Tools required

- Hand crimp tool 3-231652-7
- Wire cutter
- Wire stripper



Hand crimp tool with pink dot crimp die

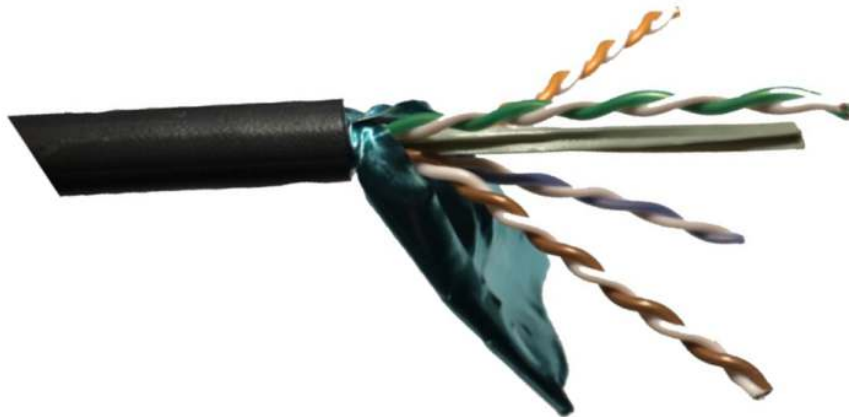
Installation steps

Step 1 – Preparation of Cable for Termination

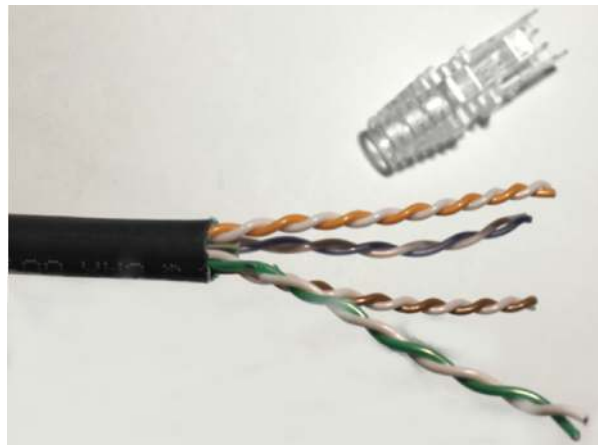
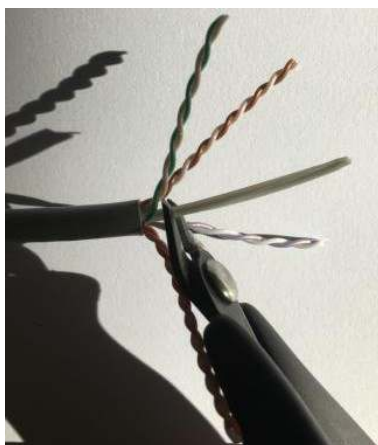
- 1.1 Strip cable outer jacket, approximately 1.250 inches with wire stripper.



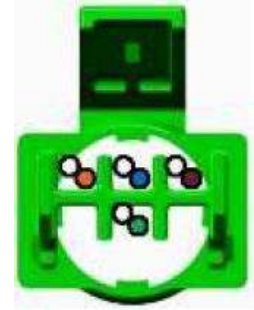
- 1.2 Unwind foil from cable and cut the foil.



- 1.3 Separate the twisted pairs and cut center core with wire cutter.

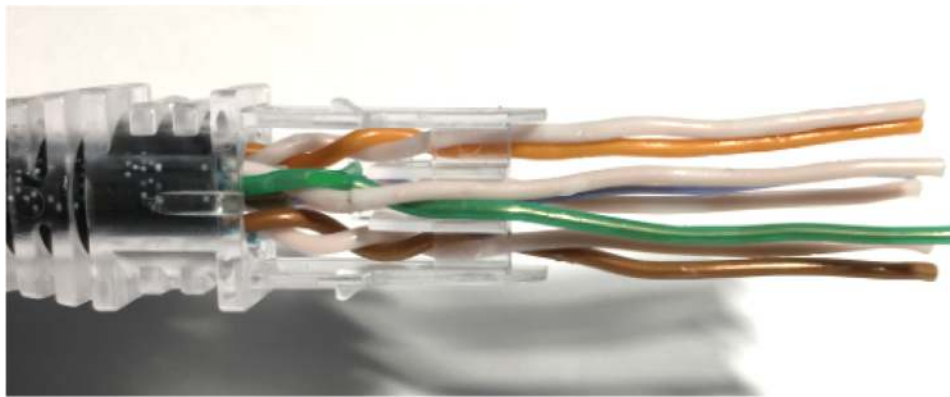


- 1.4 Insert twisted conductors into the boot/wire manager (align as shown in fig.).

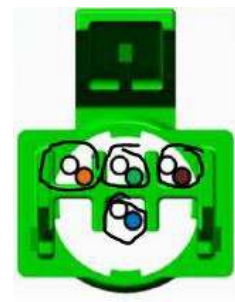
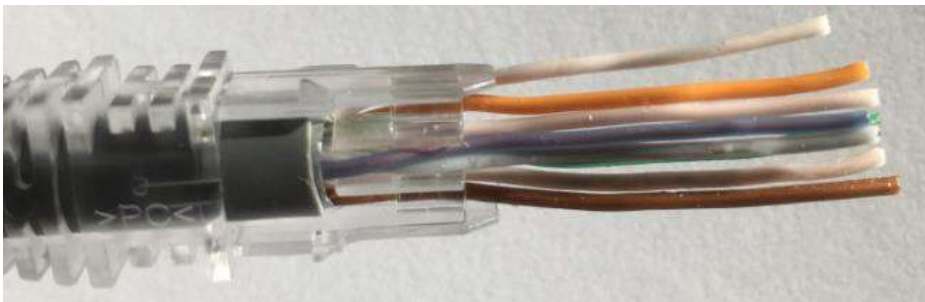


Green pair on bottom

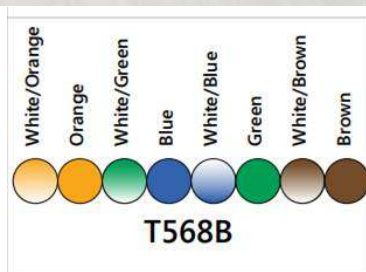
- 1.5 Push twisted conductors through the boot/wire manager section until the cable jacket is touched from inside of the boot and avoids the further push of the boot.



- 1.6 Untwist the pairs, fully straighten, and align the conductors following T568B wiring scheme.



Check that the pairs are fully located in their channels of the wire manager portion.

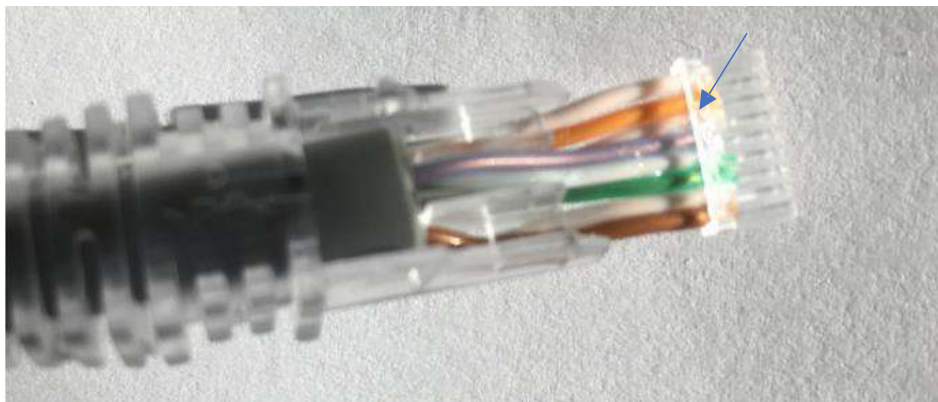


Step 2 – Preparing wire, load bar and mod plug

- 2.1 Trim conductors to approximately 0.200" (the cut must be precise)



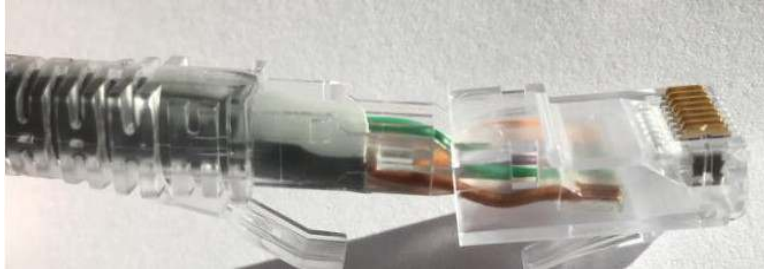
- 2.2 Insert conductors into load bar (Angle on load bar must be on the opposite side of the anti-slag latch of the boot).



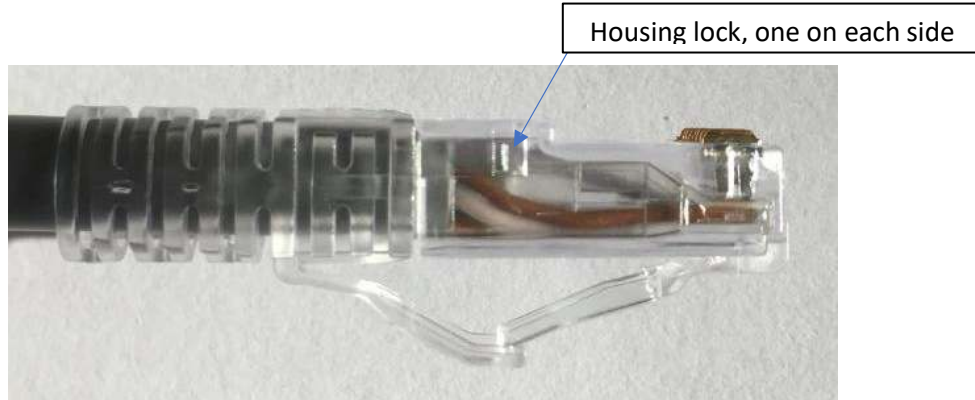
- 2.3 Push sliding load bar onto the conductors until the load bar is fully seated.



- 2.4 Insert load bar assembled conductors into the mod plug, aligning the anti-snag latch of boot with the mod plug latch.



- 2.5 Continue inserting the boot until it snaps/locks into the plug.



Before crimping, make certain that all 8 ends of the copper conductors are pushed forward into position touching the mod plug.

(Copper ends are clearly shown that they are pushed correctly inside the mod plug)

Step 3 – Termination of plug

- 3.1 Prepare to crimp mod plug assembly with "Pink Dot" hand tool, 3-231652-7.



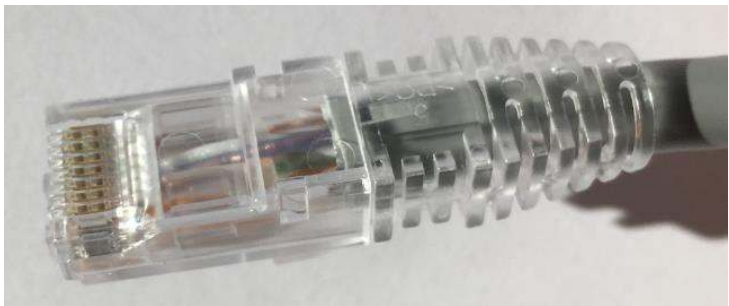
- 3.2 Fully insert assembled mod plug into the hand tool (Anti-Snag latch can bend over the hand tool, as shown)



- 3.3 Squeeze the hand tool handle until ratchet is released.



3.4 Termination complete with all eight (8) terminals properly seated into their position.



3. Revision history

Version	Date	CMO	Reason for update
A	19 OCT 2023	40181564CMO	New release