

The blocks may be terminated with Impact Tool 569994-1. Remove loose wire pieces. If tool does not properly trim wires, replace tool blade with Replacement Blade 569995-1. Use of other cutting tools to trim wires may damage patch panel.

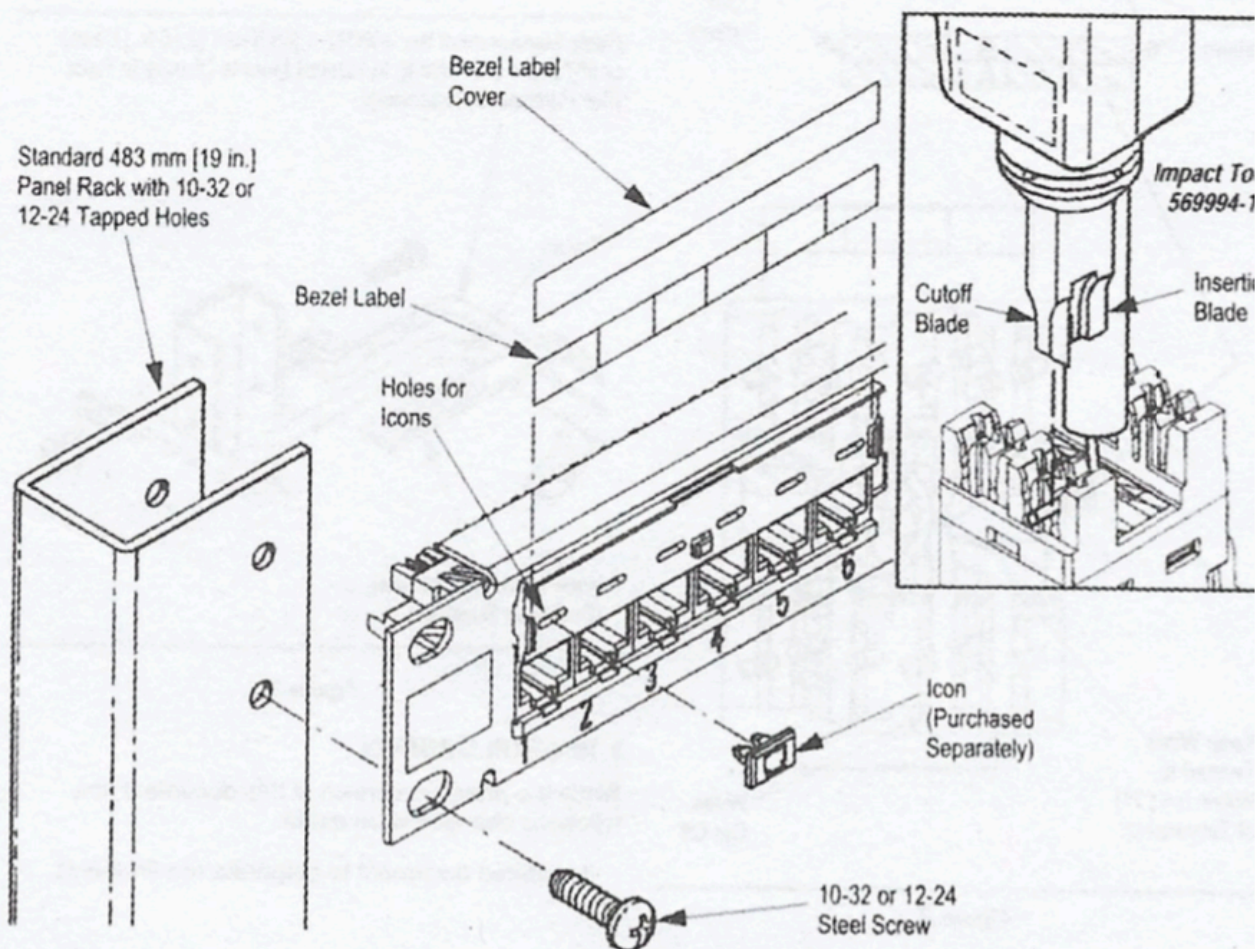
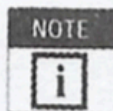


Figure 1

1. INTRODUCTION

This instruction sheet covers the installation procedures for CAT 6 System Modular Universal Wiring Patch Panels. The panels can be mounted on any standard 483 mm [19 in.] equipment rack or communication cabinet as shown in Figure 1.

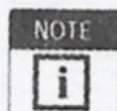


All dimensions are in millimeters [with inches in brackets]. Figures are not drawn to scale.

Reasons for reissue of this sheet are provided in Section 5, REVISION SUMMARY.

2. DESCRIPTION

Each panel includes the necessary mounting hardware, bezel labels, label covers, and wiring labels. See Figures 1 and 2.



Cable Management Bars 406042-1 and 557548-1 (ordered separately) are recommended for wire dress management. See Figure 3.

3. INSTALLATION PROCEDURES

3.1. General Instructions

Assemble cable management bar(s) as shown in Figures 2 and 3.

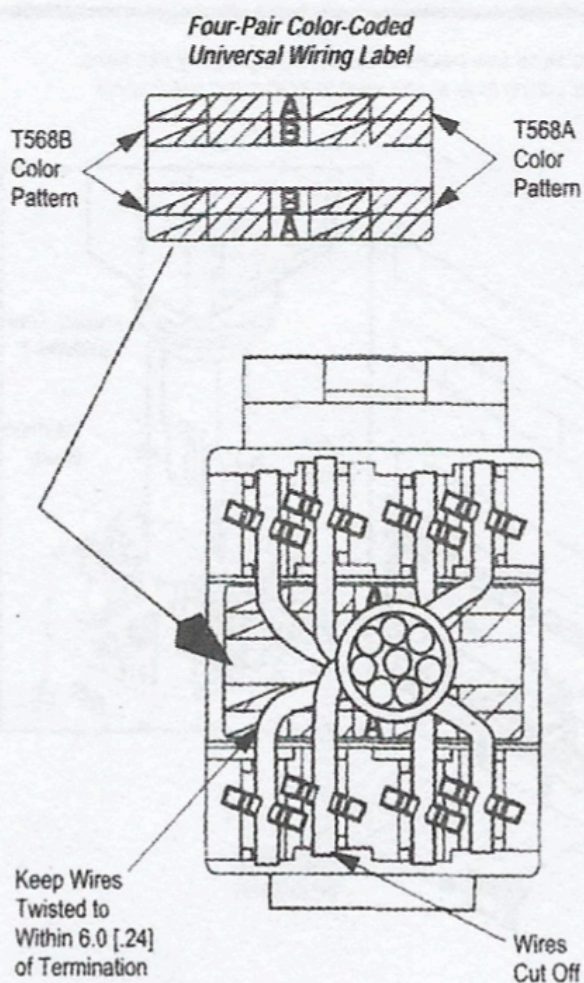
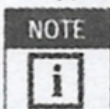


Figure 2

3.2. Special Instructions for Performance Transmission Applications



At all times, the wiring practices must comply with practices of ANSI/TIA/EIA-568-A Specification.

Guidelines covered in this specification, and shown in Figures 2 and 3, must be followed.

4. CABLE MANAGEMENT

For all Category 6 patch panel installations, it is highly recommended that cable management bars (purchased separately) be used to route cables to rear of panels. See Figure 3.

Cable Management Bar 406042-1 (63.5 mm [2.50 in.] Deep) or 557548-1 (127 mm [5 in.] Deep) Mounts Directly to Rack (Bar Purchased Separately)

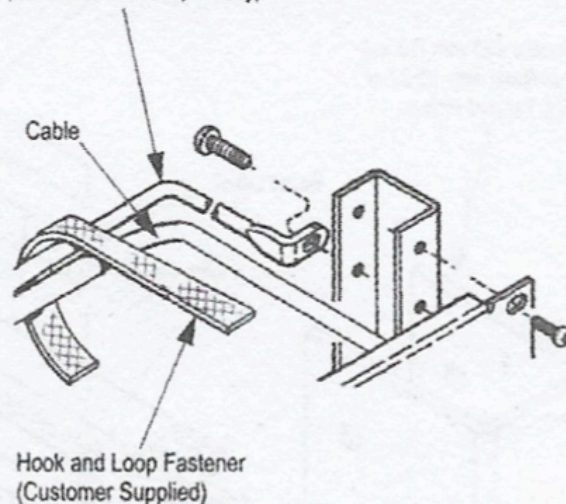


Figure 3

5. REVISION SUMMARY

Since the previous version of this document, the following changes were made:

- Updated document to corporate requirements.

MODULAR JACK	CABLE STANDARD
SL Series	Categories 3, 5e, 6
Secure SL Series	Categories 6
KJ510, KJ610, and E-Series	Categories 5e, 6

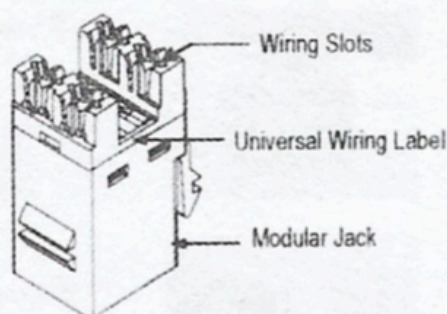


Figure 1

1. INTRODUCTION

This instruction sheet provides the termination procedure for the modular jacks given in Figure 1. To obtain information on AMP NETCONNECT® products, contact your local CommScope® account representative, PartnerPRO™ Network Partner or visit our website at www.commscope.com



NOTE

Dimensions in this instruction sheet are in metric units [with U.S. customary units in brackets]. Figures are not drawn to scale.

Reasons for reissue of this instruction sheet are provided in Section 6, REVISION SUMMARY.

2. DESCRIPTION

Each modular jack accepts 4-pair, twisted-pair cable with solid conductor sizes 24 through 22 AWG or stranded conductor sizes 26 through 24 AWG with a maximum conductor insulation diameter of 1.45 mm [.057 in.]. The modular jack features a universal wiring label used to aid in proper wire color coding and a wiring block that terminates the wire. See Figure 1. Optional strain reliefs are available separately.

3. TERMINATION

1. If using an optional strain relief, slide it over the cable jacket. Refer to Figure 2.
2. Strip only as much of the cable jacket as necessary to perform the termination. If using an optional strain relief, refer to Section 4 for total height of modular jack after installation.



NOTE

Generally, a strip length of 35 mm [1.378 in.] when using SL series modular jack tool kit 1725150-1 for termination will suffice and 50.8 mm [2.0 in.] when using impact tool 1583608-1. The preferred choice of termination tool is SL series modular jack tool kit and the secondary choice is the impact tool.

Note: Not to Scale

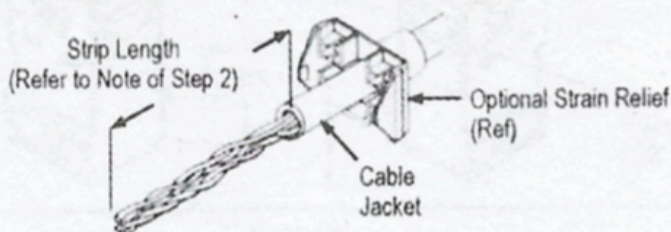
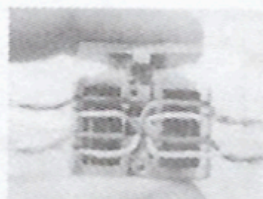


Figure 2

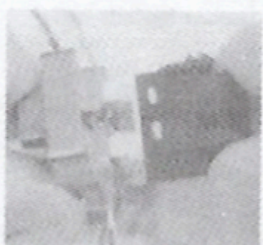
3.2. Using SL Series Modular Jack Tool Kit (Preferred Choice)

Figure 3 shows a general termination procedure when using the SL series modular jack tool kit. For detailed information, refer to instruction sheet 408-8858.

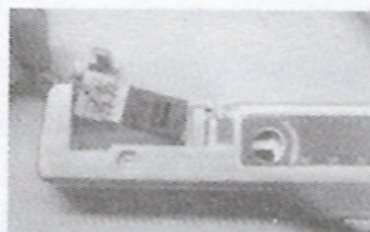
- ① Close lacing fixture around cable, then lace wires according to wiring label



- ② Insert modular jack into lacing fixture, aligning the color-coded wires



- ③ Insert lacing fixture (with modular jack) into tool as shown



- ④ Compress tool handle

- ⑤ Remove modular jack by moving it back and forth



Figure 3

3.3. Using Impact Tool (Secondary Choice)

1. Align and lace a color-coded wire pair with the appropriate slots of the modular jack as indicated by the color coding on the universal wiring label. Use the following minimum slack while maintaining twist: Category 3e — 75 mm [3 in.] Category 5e — 12.7 mm [.50 in.] Category 6 — 6 mm [.24 in.]
2. Set the impact tool setting for low-impact. Position the tool so the cutoff blade is on the outside of the modular jack and oriented vertically.
3. Using the impact tool, punch the wires down into the slot, and cut off excess wire. Remove any loose wire pieces.

4. INSTALLING OPTIONAL STRAIN RELIEF

If using, slide the optional strain relief onto the modular jack until the latches of the strain relief engage of the modular jack as shown in Figure 4. The required total height of the modular jack with the strain relief installed is given in Figure 4.

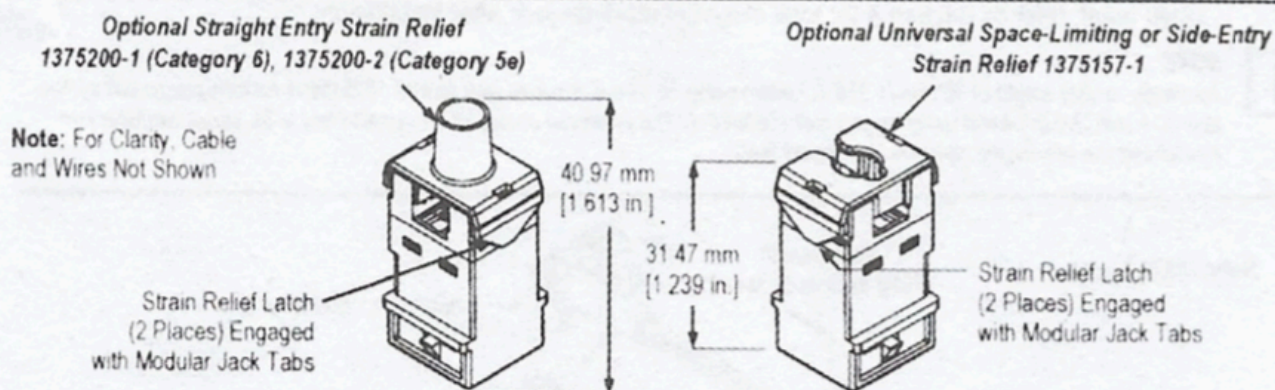


Figure 4

5. REPLACEMENT

Do not use damaged or defective product. These modular jacks are not repairable.

6. REVISION SUMMARY

Revisions to this instruction sheet include:

- ☒ Rebranded to CommScope