

Figure 1

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1. INTRODUCTION

This instruction sheet provides installation procedures for the AMP Communications Outlet (ACO) Cat 6 Shielded High Density Patch Kit 1479834-1.



All numerical values are in metric units [with U.S. customary units in brackets]. Figures are not drawn to scale.

2. DESCRIPTION

Basic terms and features of kit components are provided in Figure 1. The edge connector inserts must be selected based on the application and purchased separately.

3. CABLE PREPARATION (Figure 2)

- Strip cable jacket back approximately 70 mm [2.76 In.].
- Fold metal braid back approximately 10 mm [.39 In.] over the jacket.

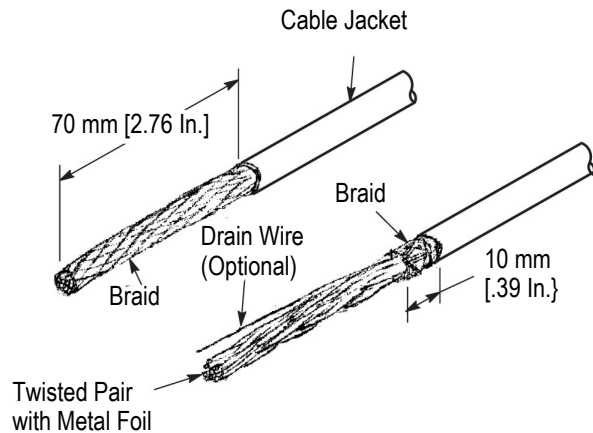
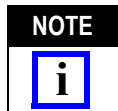


Figure 2



Optional: Fix the metal braid with copper tape.

- Cut pair shields according to the template (from Part No. 336547-1). Use the scale drawing "rear" for panels.

4. CONNECTOR TERMINATION

- Insert edge connector into Palm Tool 569949-1 as shown in Figure 3.

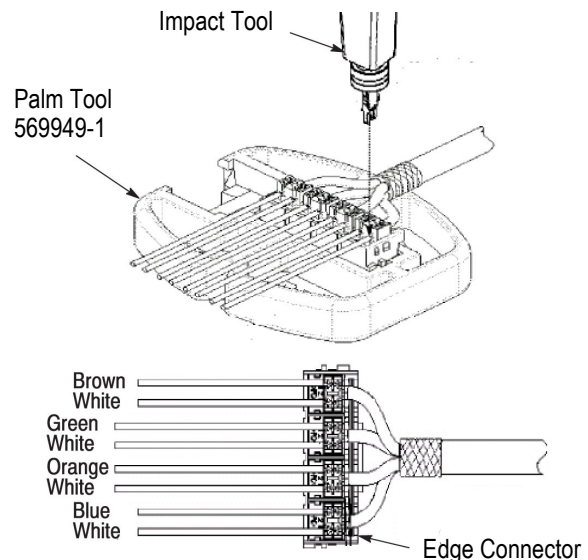


Figure 3

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2. Insert the wires into the edge connector slots according to the color codes (keep the foil shield as close as possible to the contact blocks). Do NOT untwist; if necessary, tighten the twists.
3. Terminate the wires only with Tyco Electronics Tool 1583608-1 (standard) or 1375309-1 (long life). Ensure that the tool is set for "LO" impact force (see Figure 3).
4. Detach wire cut ends by gentle rotation. Remove any loose pieces (see Figure 4).
5. Attach edge connector cover. Carefully bend pairs back, not too tightly.



CAUTION Damaged product should not be used. If damaged product is evident, it should be replaced.

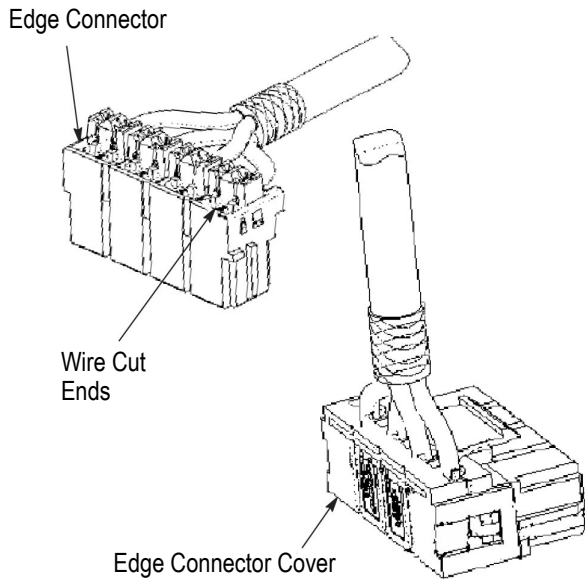
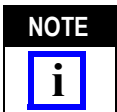


Figure 4

5. INSERTION PROCEDURES

1. Insert edge connector into the panel housing, See Figure 5.



NOTE Patch panel 1479834-1 has dual housings to accept two edge connectors. Insertion of the edge connector and mounting of the cable clamps are detailed in Figure 5.

2. Detach housing cover and break away cable clamp assembly. Break cable clamps off the cover.
3. Insert cover into panel housing. Select the correct cable clamp for the cable diameter. Mount the cable clamp as shown in Figure 5.



CAUTION Do NOT overtighten screws. Ensure that the cable clamp captures the metal braid.

4. Insert panel housing into the patch panel. Make sure that all four clips are snapped in place (see Figure 6). The panel housing must be oriented so that the up arrow is visible from the front of the panel. See Figure 6.

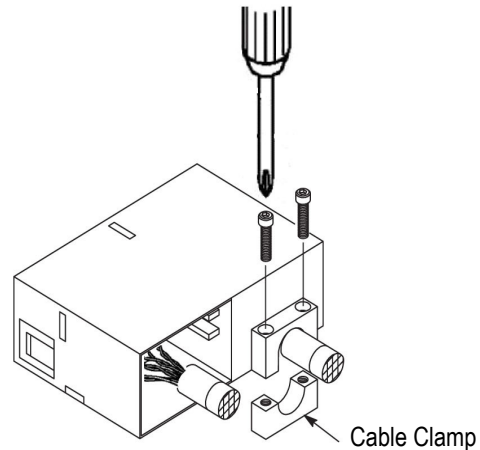
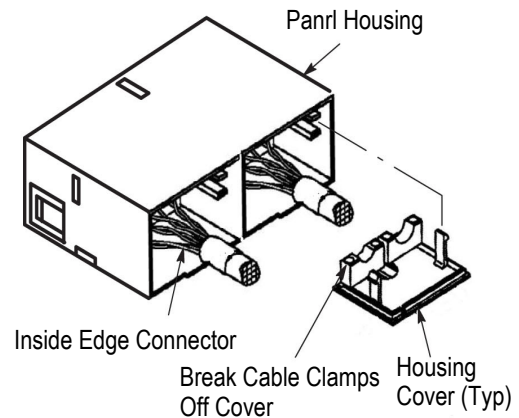
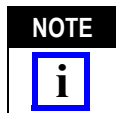


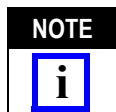
Figure 5

5. System inserts are inserted from the front of the panel, see Figure 7.

6. Attach the plastic faceplate to the panel, see Figure 8.



NOTE Housing covers can easily be removed without damage using Tyco Electronics Tool 726948-1.



NOTE ACO inserts can be removed by using a screwdriver. Use the gaps on the side of the inserts for this. The bezel must first be removed.

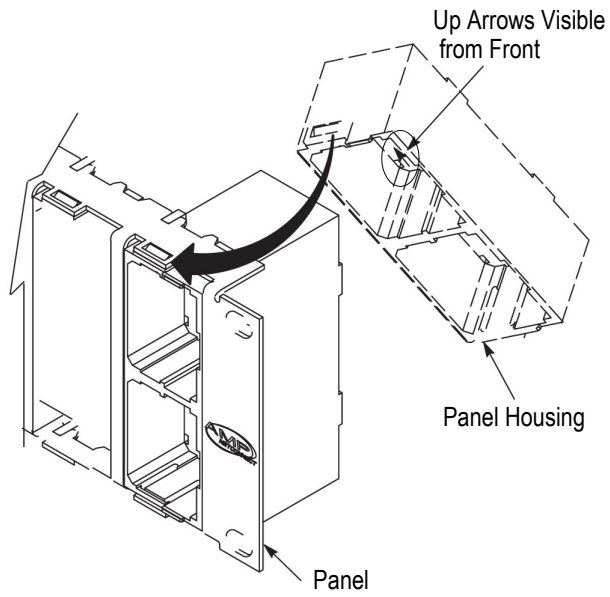
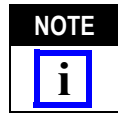


Figure 6



Additional color coding of the ports can be done by using Icons 558176-X, 558198-X, or 558199-X; or by colored labels for dual inserts 2-101021-X.

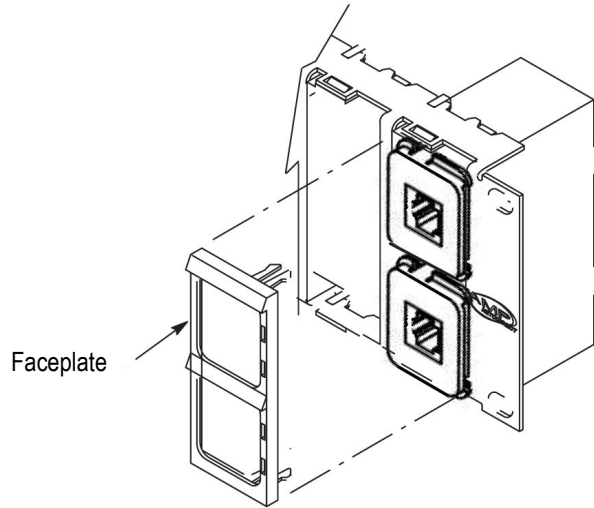


Figure 8

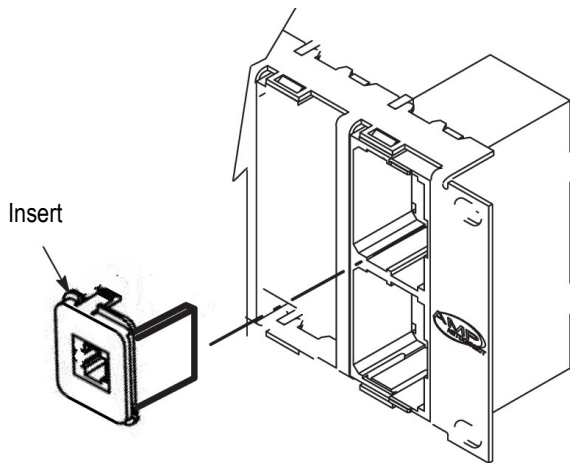


Figure 7

6. REVISION SUMMARY

Since the previous release, the TE logo was applied.