

Figure 1

1. INTRODUCTION

AMP* Low-Profile HideOut Multimedia Wall Outlet Assemblies 503997-[], 503998-[], and 503999-[] are used to manage and protect multimedia connections. These outlets accept standard AMP 110Connect modular jacks for Category 3 and Category 5 unshielded and shielded twisted-pair cable, twisted-pair cable assemblies, and duplex fiber couplers for fiber optic cable. The assemblies are designed to fit standard electrical boxes.

NOTE

In order to obtain minimum clearance for the wall outlet assembly, AMP recommends using a double-gang electrical box with a single-gang drywall flange reducer.

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

2. DESCRIPTION (Figure 1)

Each wall outlet assembly consists of a cover plate, subplate, two cross-recessed mounting screws, two cable ties, and adhesive write-on labels. The subplate has four modular jack ports, two duplex fiber optic receptacle ports, four snap-fit icon slots, and two cable feed-through windows. The assemblies differ in that they either contain a snap-fit cover plate with finger grips, a screw-mounted cover plate, or a snap-fit/screw-mounted combination cover plate with finger grips.

NOTE

Media connectors and color-coded snap-fit icons are available separately. Refer to AMP Impact Flyer 296090 for part number information.

3. INSTALLATION AND REMOVAL

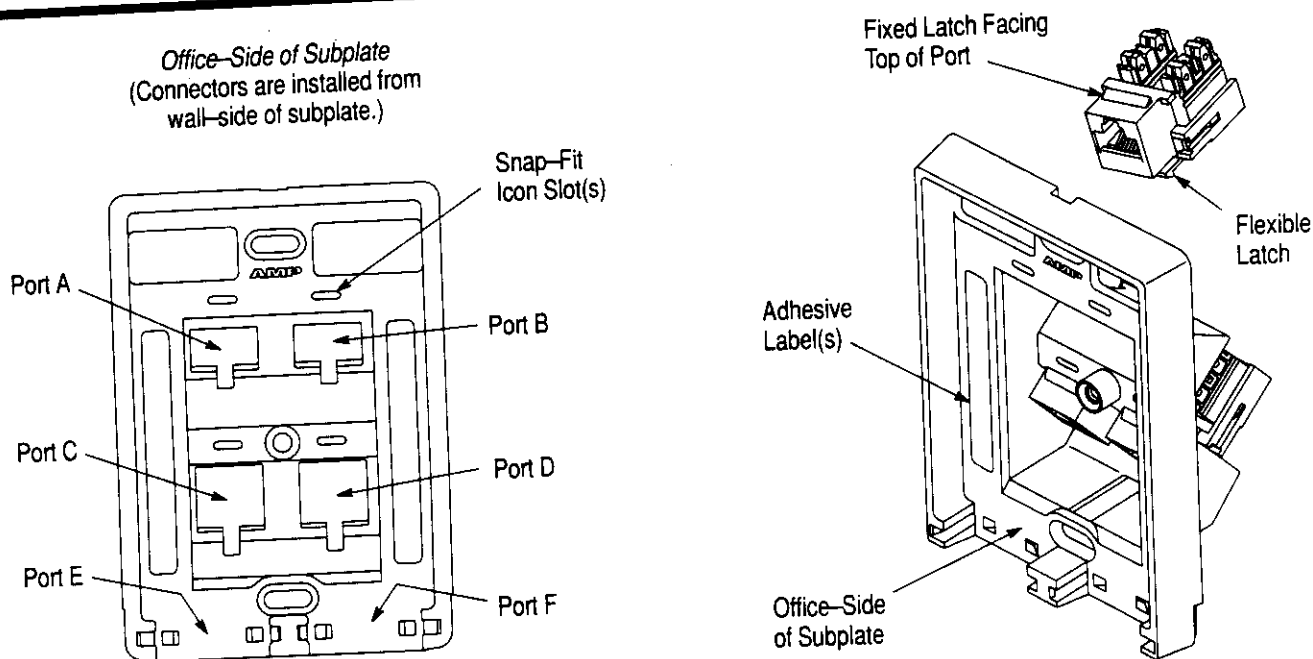
NOTE

HideOut Wall Outlet Assemblies are designed specifically for use with AMP duplex fiber optic connector couplers, and AMP 110Connect modular jacks and cable assemblies. Contact AMP Product Engineering for assistance in proper selection of multimedia connections.

3.1. Installation

The following instructions are a composite of possible installation configurations. Proceed with only the steps that apply to your application.

1. Terminate the connectors according to the instructions packaged with them.
2. Install twisted-pair connectors into the ports from the wall-side of the subplate according to the table in Figure 2. Insert the connector so that the fixed latch enters the top of the port; then rotate and snap the flexible latch of the connector into the port. Refer to Figure 2.
3. Install snap-fit icons into the subplate icon slots for port identification. See Figures 2 and 3.



MEDIA TYPE	MEDIA CONNECTIONS FOR WALL OUTLET					
	PORT A	PORT B	PORT C	PORT D	PORT E	PORT F
Fiber Optic	N/A	N/A	N/A	N/A	Duplex Fiber	Duplex Fiber
Twisted Pair	Category 3 and 5 (UTP)	Category 3 and 5 (UTP or STP)	Category 3 and 5 (UTP)	Category 3 and 5 (UTP)	N/A	N/A
Combination of Fiber Optic and Twisted Pair	Category 3 and 5 (UTP)	Category 3 and 5 (UTP or STP)	Category 3 (UTP)	Category 3 and 5 (UTP)	Duplex Fiber	N/A

NOTES: (1) Where N/A is indicated, this port must remain unused to allow adequate cable routing.
 (2) Duplex Fiber indicates SC/SC-style, SC/ST-style, ST/ST-style, and SC/FC-style duplex fiber optic couplers.
 (3) UTP indicates unshielded twisted pair; STP indicates shielded twisted pair.

Figure 2

4. If applicable, and if provided, attach the appropriate adhesive write-on labels to the insides of the cover plate and subplate. Refer to Figure 2.

5. Feed the fiber optic connectors into the cable feed-through window so that they hang on the office-side of the subplate. Dress the fiber optic cable into the opening of the mounting surface. Be careful to maintain at least the minimum cable bend radii. See Figure 3.

6. Position the subplate over the opening in the mounting surface and secure the subplate with the mounting screws. See Figure 4.

7. Join office-side twisted pair plugs to their respective outlet connections. Route the cables through the unused duplex fiber optic receptacle port. Secure cables with cable ties using the cable tie holes in the subplate as shown in Figure 4.

CAUTION

Be careful not to deform or damage the cables with the cable ties.

8. Join the wall-side and office-side fiber optic connectors to the duplex fiber coupler; then slide one side of the duplex fiber coupler into the center receptacle channel in the subplate and snap the other side of the coupler into the adjacent channel. Refer to Figure 5.

9. If using the snap-fit or combination cover plate, position the bottom of the cover plate over the subplate, then snap the top of the cover plate into place. Refer to Figure 6. If applicable, install the remaining mounting screw into the cover plate.

10. If using the screw-mounted cover plate, position the cover plate over the subplate and install the remaining mounting screw into the cover plate.

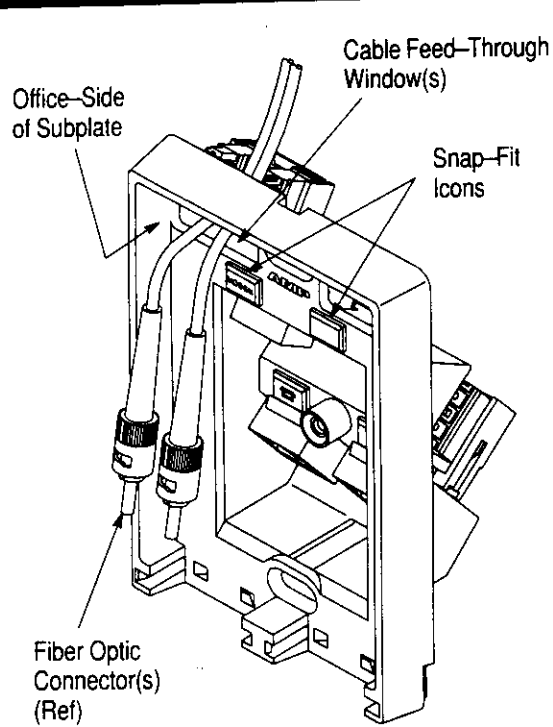


Figure 3

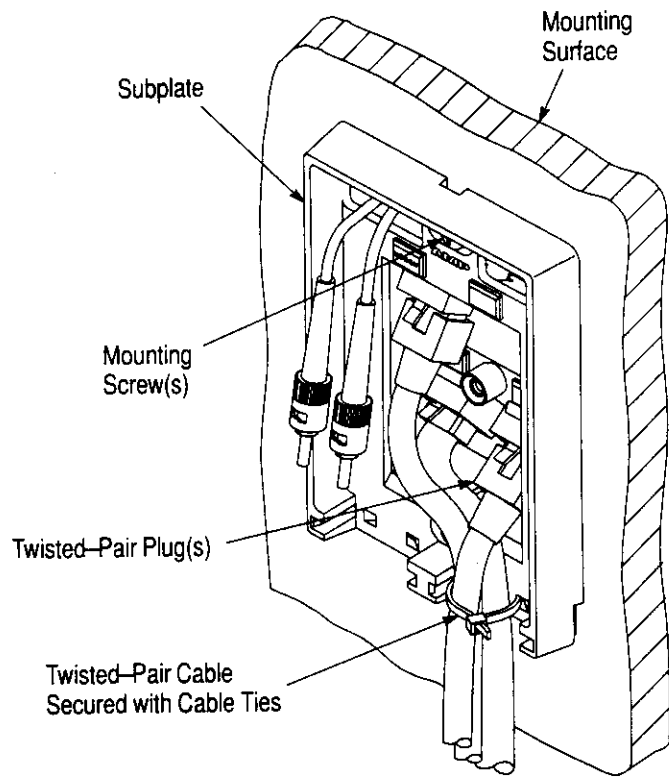


Figure 4

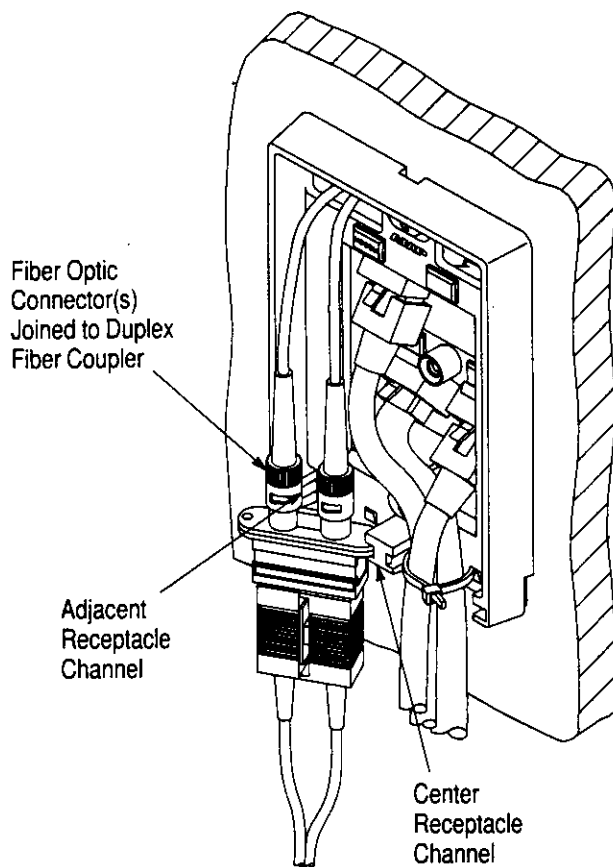


Figure 5

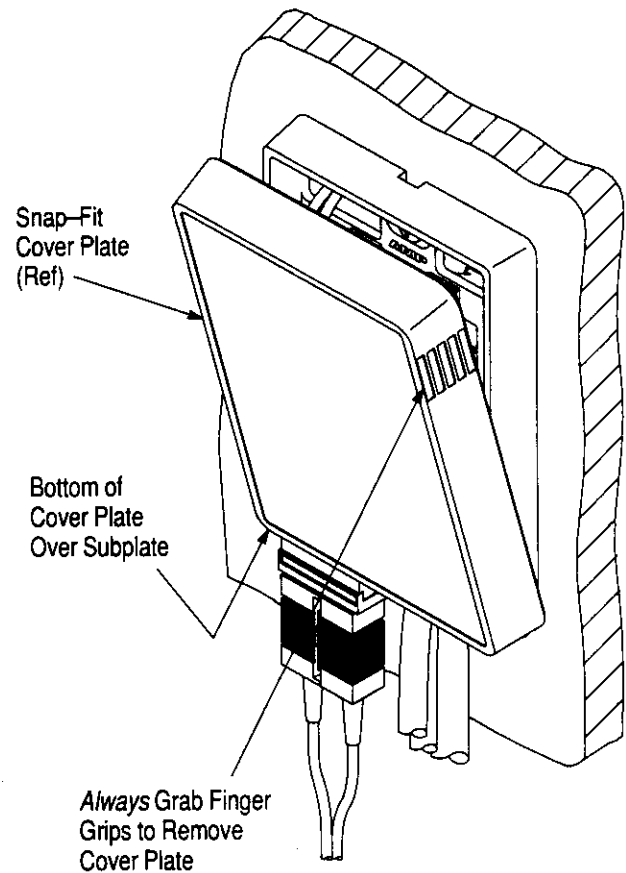


Figure 6

3.2. Removal

1. If applicable, remove the mounting screw that holds the cover plate to the subplate. To remove the snap-fit cover plate, grab the finger grips on the cover plate and pull back at an angle; then unlatch the bottom of the cover plate. Refer to Figure 6. To remove screw-mounted cover plate, remove the mounting screw that holds the cover plate to the subplate; then remove the cover plate.

2. To disconnect twisted-pair plugs, or to disconnect fiber optic connectors from the duplex fiber coupler, it might be necessary to temporarily unsnap the duplex fiber coupler from the subplate receptacle channels.

3. To remove modular jacks, remove subplate from mounting surface and insert the end of a blunt-edged instrument into the release slot (located on wall-side of subplate) of the port of the connector to be removed. See Figure 7. Using slight pressure, slide the instrument against the flexible latch on the insert until the connector is released from the port.

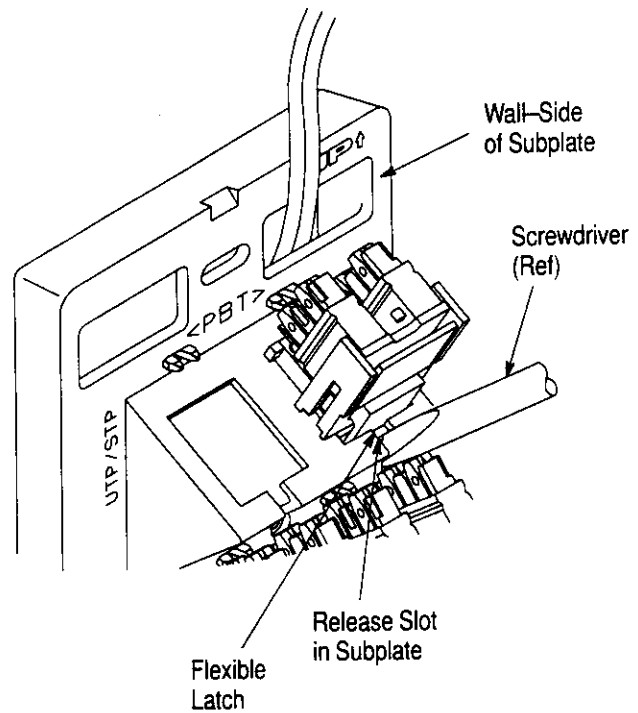


Figure 7

4. REPLACEMENT PARTS

Order replacement assemblies and parts through your AMP representative, or call 1-800-526-5142, or send a facsimile of your purchase order to 1-717-986-7605, or write to:

CUSTOMER SERVICE (038-035)
AMP INCORPORATED
PO BOX 3608
HARRISBURG PA 17105-3608

5. REVISION SUMMARY

Revisions to this document include:

Per EC 0A00-0518-95:

- Removed all information for coaxial connectors
- Added information to Paragraph 3.1, Step 2
- Modified Figures 2, 3, 4, 5, and 6
- Removed all information for CATV connectors and inserts