

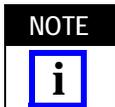
JACK PART NUMBER		CABLE SIZE (RG/U)	JACK DIMENSION A (Min)
CURRENT	PREVIOUS		
1059424-1	4506-5015-02	402	3.68 [.145]
1059426-1	4506-5012-02	405	2.24 [.088]

Figure 1

1. INTRODUCTION

OSP rear mount floating flange mount cable jacks listed in Figure 1 are designed to be soldered onto the corresponding semi-rigid coaxial cable sizes using the following tools:

TOOL DESCRIPTION	TOOL PART NUMBER	
	CURRENT	PREVIOUS
Cable Fixture Subassembly	1055439-1	2098-5206-54 (T-4567)
Insert Assembly	1055441-1	2098-5208-54 T-4700-2
Locator Tool	1059769-1	4598-5004-02



Dimensions in this instruction sheet are in millimeters [with inches in brackets]. Figures are not drawn to scale.

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

2. DESCRIPTION

The jack consists of a connector assembly with an internal center contact. Each jack features a flange for mounting the jack to a panel. See Figure 1.

3. ASSEMBLY PROCEDURE



Follow safety precautions included with the tools used for assembly.

1. Insert the squared end of the cable into Hole Pattern 2 of the cable fixture subassembly. Place a saw in the saw slot and while rotating the cable, cut through the cable jacket and into, but not through, the dielectric. Refer to Figure 2.

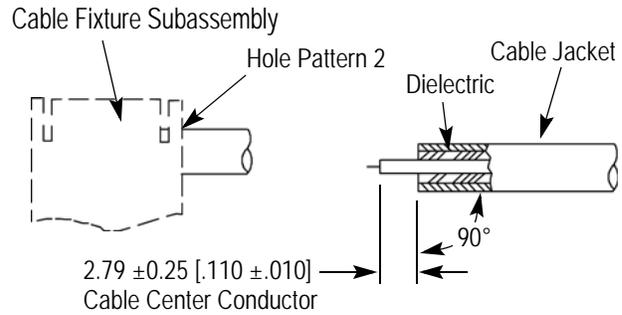


Figure 2

2. Remove the cable from the cable fixture subassembly, and continue cutting the dielectric with a cutting blade. Remove the cut jacket and dielectric from the cable to expose the center conductor. Trim the center conductor to the dimension shown in Figure 2.

3. File the cable center conductor to the length shown in Figure 3. Then file the blunt end of the center conductor to cone between 85° to 90°.

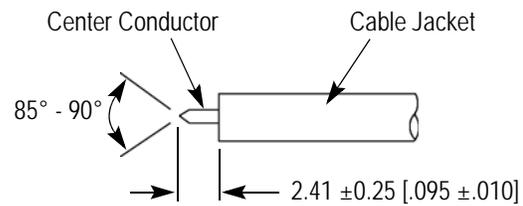
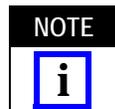


Figure 3

4. Insert the cable into the connector assembly, making sure that the center conductor enters the internal center contact.

5. Place the assembly into the cable fixture subassembly as shown in Figure 4. Tighten the clamp screw to secure the cable. Tighten the locator tool to seat the cable firmly against the connector subassembly.



The cable fixture subassembly should be clamped vertically in the vise to keep the connector subassembly seated against the locator tool.

6. Using solder made of 60% tin and 40% lead, join the cable to the connector assembly at the location shown in Figure 4.

7. Cut the panel using the dimensions provided in Figure 5. Secure the jack to the panel using two commercially-available screws.

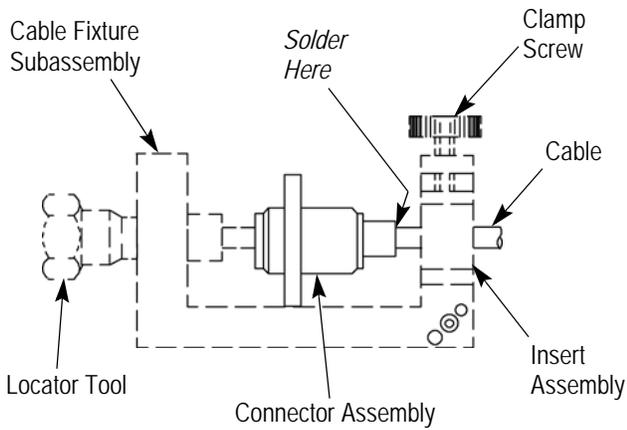


Figure 4

4. REPLACEMENT AND REPAIR

DO NOT re-use a soldered connector assembly by removing the cable.

Jacks are not repairable. Replace any defective or damaged jacks.

5. REVISION SUMMARY

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

- Corrected wording in Section 1.
- Added callout for threaded holes in Figure 5.
- Updated document to corporate requirements.

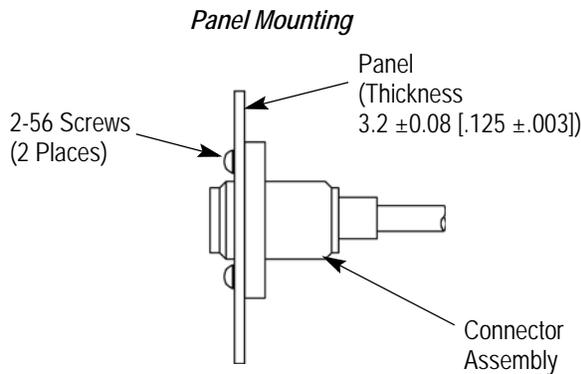
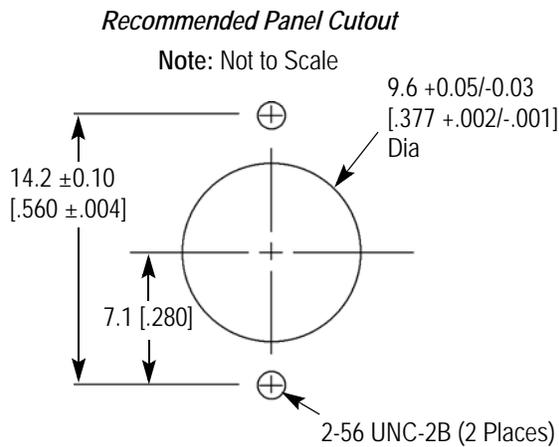


Figure 5