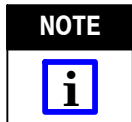


Figure 1

## 1. INTRODUCTION

OSP Floating Panel Feedthrough Cable Jack (Direct Solder Attachment) 1059465-1 is designed to be installed onto semi-rigid coaxial cable size RG 402/U with a diameter of 3.58 mm [.141 in.] using the following tools:

TOOL DESCRIPTION	PART NUMBER CROSS-REFERENCE	
	CURRENT	PREVIOUS
Fixture Base	1055439-1	2098-5206-54 (T-45867)
Clamp Insert	1055440-1	2098-5207-54 (T-4700-01)
Locator Tool	1059769-1	4598-5004-02



All numerical values 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 4, REVISION SUMMARY.

## 2. DESCRIPTION

The cable jack consists of a housing, center contact, retaining clip, and spring ring. Refer to 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 fixture base. See Figure 2.
2. Place the saw in the saw slot, and cut through the outer conductor and into the dielectric while rotating the cable.
3. Remove the cable from fixture base, and finish cutting the dielectric with a cutting blade.

4. Bare the inner conductor by prying the cut outer conductor and dielectric from the cable.
5. Cut the inner conductor to the dimension shown in Figure 3. Then, trim the inner conductor to the dimension shown in Figure 3.
6. File the blunt end of the inner conductor to a cone between 85 and 95°. Refer to Figure 3.

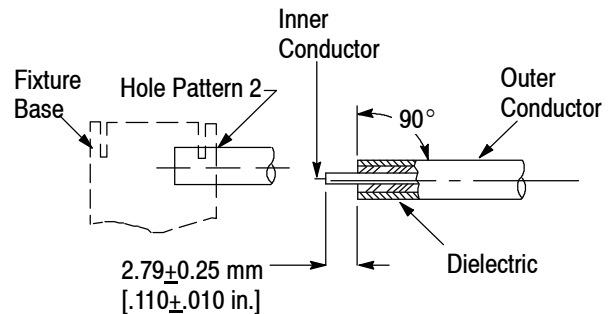


Figure 2

Note: Not to Scale

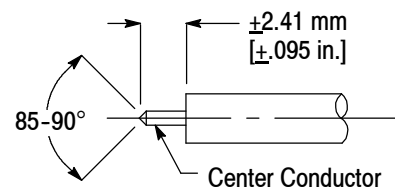


Figure 3

7. Carefully insert the inner conductor into the center contact of the cable jack.
8. Place the assembly in the fixture base as shown in Figure 4, then:
  - a. tighten the clamp screw to secure the cable.
  - b. tighten the locator tool to seat the cable jack firmly in the fixture base.
9. With the cable jack firmly against the locator tool, use solder to attach the cable to the cable jack. See Figure 4. Remove excess solder.

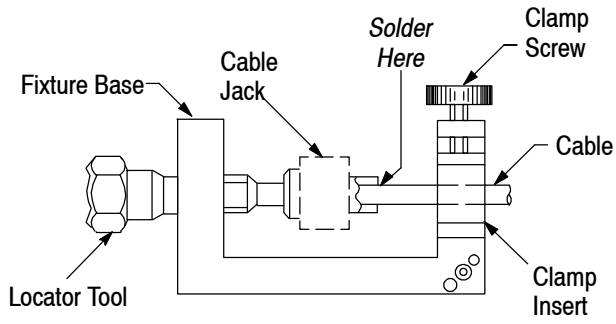


Figure 4

#### 4. REVISION SUMMARY

Revisions to this instruction sheet include:

- Updated instruction sheet to corporate requirements
- Removed type of solder from Step 9 of Section 3