

**AMP**

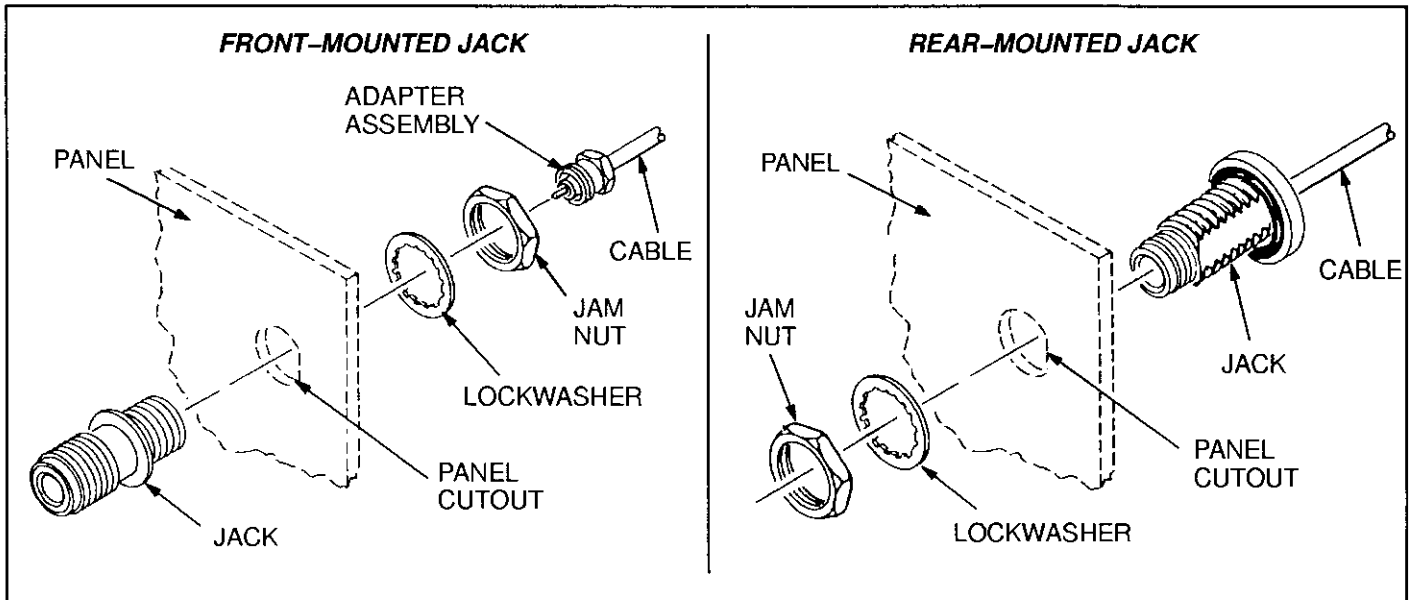
AMP INCORPORATED  
HARRISBURG, PA 17105

AMP\*  
TNC SERIES  
JACK CONNECTORS

**IS 6706**

TOOLING ASSISTANCE 1 800 722-1111  
AMP FAX/ PRODUCT INFO 1 800 522-6752

RELEASED  
9-21-92



CABLE SIZE	JACK CONNECTOR		CRIMPING TOOL	PLUG LOCATOR	CRIMPING DIES	ADAPTER ASSEMBLY
	PART NO.	TYPE				
3.581 [.141]	228456-1	Front Mount	59980-1	220220-2	312253-1	228446-1
			220239-1	220241-1	220243-1	
3.581 [.141]	228502-1	Rear Mount	59980-1	220220-2	312253-1	
			220239-1	220241-1	220243-1	
2.184 [.086]	228507-1	Rear Mount	59980-1	220221-2	312253-2	228505-1
			220239-1	308075-2	220242-1	228505-1

Fig. 1

28-12A

**1. INTRODUCTION**

This instruction sheet covers the use of AMP TNC Series Front-Mounted Jack Connector 228456-1 and Rear-Mounted Jack Connectors 228502-1 and 228507-1. The jacks are used with RG-402/U (3.581 [.141] and 2.184 [.086]) semi-rigid cable. Refer to Figure 1.

Read these instructions thoroughly before installing or using any connectors.

**NOTE**

All dimensions on this sheet are in millimeters [with inch equivalents provided in brackets]. Figures and illustrations are for identification only and are not drawn to scale.

**2. DESCRIPTION (Figure 1)**

The connectors consist of a jack assembly, a jam nut, a lockwasher, and an adapter assembly. The adapter assembly threads the jack to the cable.

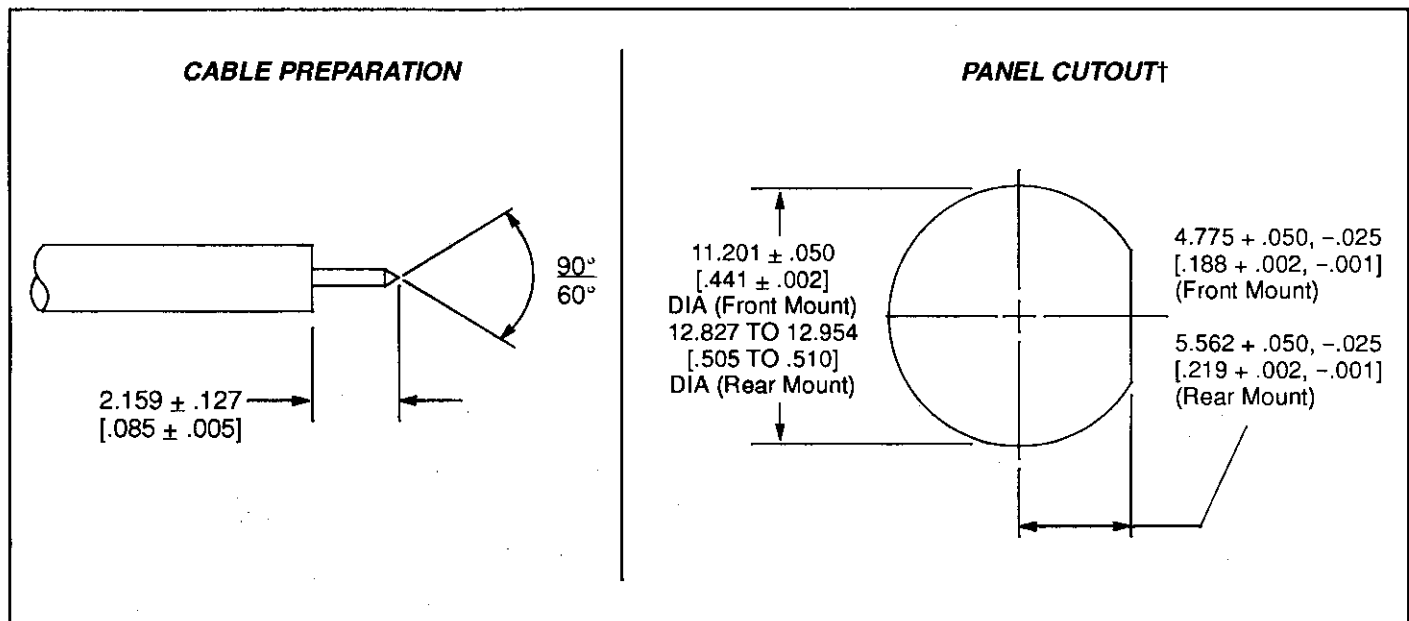
**3. TOOL SELECTION**

**A. Hand Tool 59980-1**

Refer to AMP Instruction Sheet IS 6788 for information concerning application of the adapter assembly with AMP Hand Crimping Tool 59980-1. Use AMP crimping dies and AMP plug locators, as listed in Figure 1, with the hand crimping tool.

**B. Pneumatic Tool 220239-1**

Refer to AMP Instruction Sheet IS 2942 for information concerning application of the adapter assembly with AMP Pneumatic Tool 220239-1. Use AMP crimping dies and AMP plug locators, as listed in Figure 1, with the pneumatic tool.



† 6.350 mm [.250 in.] max panel thickness

Fig. 2

200-138E

#### 4. APPLICATION PROCEDURE

##### A. Front-Mounted Jack

1. Prepare the cable and make the panel cutout as shown in Figure 2.
2. Slide the adapter assembly over the cable and crimp with the selected crimping tool.
3. Insert the jack connector into the panel cutout and secure to panel with the lockwasher and jam nut.

4. Thread the adapter assembly into the jack connector with a torque wrench to a torque of .791 to 1.130 N•m [7 to 10 in.-lb].

##### B. Rear-Mounted Jack

1. Prepare the cable and adapter assembly according to Steps 1, 2, and 4 of Paragraph 4, A.
2. Insert the jack into the panel cutout.
3. Secure the jack to the panel with the lockwasher and jam nut.