

# Instructions

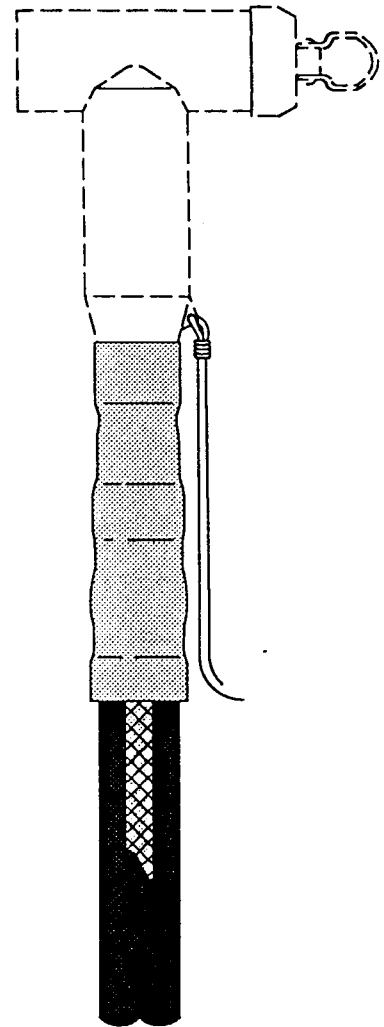


## 8473 Hi-Amp Accessory Grounding Kit

For L.C. Shielded and Tape Shielded Cable

### Kit Contents

- 1 PST Cold-Shrink Insulator
- 3 Mastic Seal Strips
- 1 Constant-Force Spring
- 1 Preformed Ground Braid
- 1 Instruction Sheet



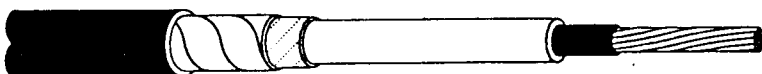
### Cable Accommodation Chart (Final Determining Factor is Cable Shield Diameter)

Product	Insulation Class	Conductor Range (kcm)
8473	15 kV (.175)	350 – 1000
	15 kV (.220)	
	25 kV (.260)	
	25 kV (.280)	
	35 kV (.345)	

Shield Diameter Accommodation Range  
1.25" (32,0 mm) min. to 2.25" (570,0 mm) max.



LC Shielded Power Cable



Tape Shield

## 8473 Hi-Amp Accessory Grounding Kit



Primary Short Circuit Capacity  
Rated 15 kA – 15~

**2047U-66**

ISSUE DATE: 8/11/92

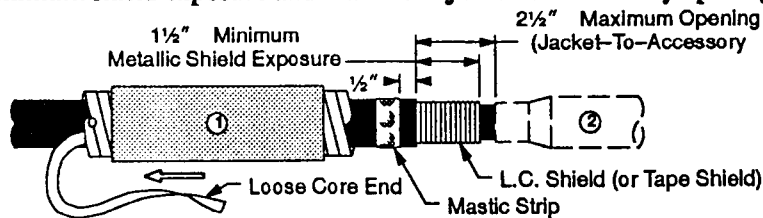
SCALE: Not to scale

ISSUE: A

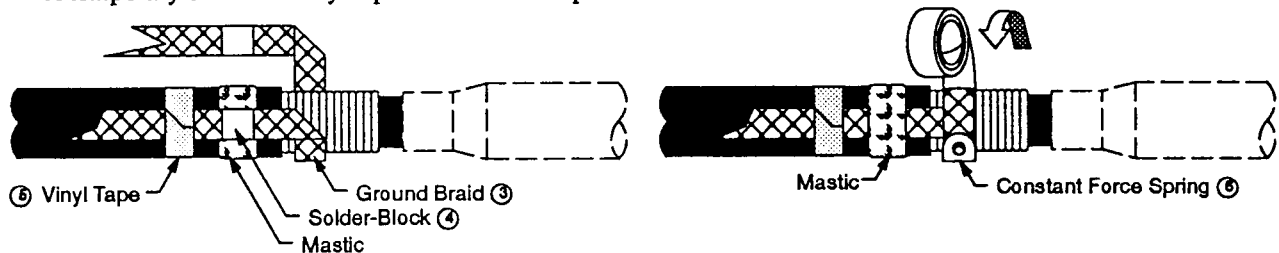
## Grounding Kit Installation

1. Slide cold-shrink insulator ① down cable jacket with loose core end directed away from cable preparation area.
2. Prepare cable end and install accessory ② according to manufacturer's instructions.

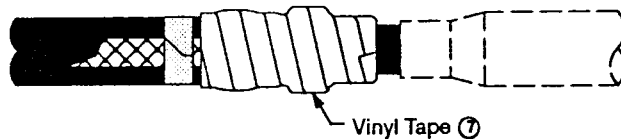
**NOTE: Follow minimum shield exposure and maximum jacket-to-accessory opening shown in sketch.**



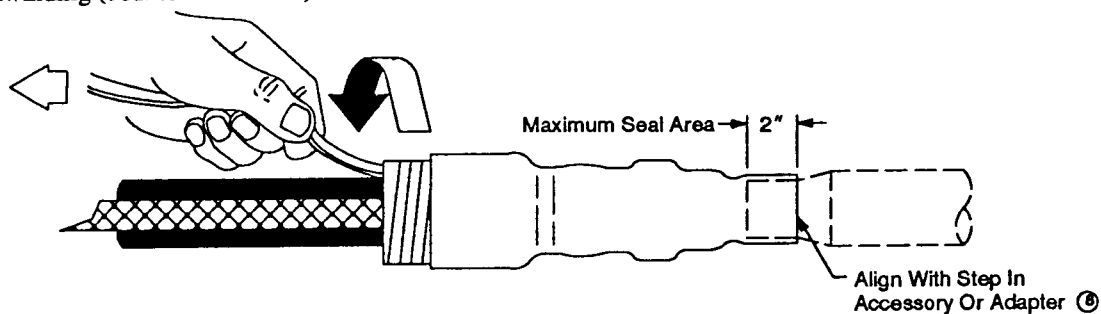
3. Select one of three mastic strips from kit. Remove liners and wrap mastic around cable jacket 1/2" (13 mm) from cut edge. Discard any excess.
4. Position twin pre-formed ground braid ③ with one tail along cable jacket and solder-block ④ centered on mastic strip. A temporary binder of vinyl tape ⑤ will ease strap installation.



5. Wrap braid around cable metallic shield and secure in place with constant force spring ⑥ (supplied). Cinch (tighten) last lap of spring.
6. Repeat step (4.) to position second ground braid tail (not shown in sketch) and apply second mastic strip layer over solder-block position.
7. Starting on the cable metallic shield (ahead of constant force spring) wrap two half-lapped layers vinyl tape ⑦ (not supplied) extending 1/4" (6 mm) beyond mastic onto cable jacket. Return to starting point to complete second layer.



8. Position cold-shrink insulator to align with step in accessory or adapter ⑧ (for rough surfaces or heavy embossing, apply third mastic strip to seal area first. Cover with one layer of vinyl tape). Remove Insulator core by pulling while unwinding (counter-clockwise) as shown.



9. Attach leakage current drain wire to accessory as needed (consult supplier information). Join drain wire to braid tails and connect to system ground.

**IMPORTANT NOTICE TO PURCHASER:**  
All statements, technical information and recommendations related to the Seller's products are based on information believed to be reliable, but the accuracy or completeness thereof is not guaranteed. Before utilizing the product, the user should determine the suitability of the product for its intended use. The user assumes all risks and liability whatsoever in connection with such use.

All statements or recommendations of the seller which are not contained in the Seller's current publications shall have no force or effect unless contained in an agreement signed by an authorized officer of the Seller. The statements contained herein are made in lieu of all warranties expressed or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose which warranties are hereby expressly disclaimed.

**SELLER SHALL NOT BE LIABLE TO THE USER OR ANY OTHER PERSON UNDER ANY LEGAL THEORY, INCLUDING BUT NOT LIMITED TO NEGLIGENCE OR STRICT LIABILITY, FOR ANY INJURY OR FOR ANY DIRECT OR CONSEQUENTIAL DAMAGES SUSTAINED OR INCURRED BY REASON OF THE USE OF ANY OF THE SELLER'S PRODUCTS.**