

## FIGURE 8 DROP CABLE DEAD-END INSTALLATION INSTRUCTIONS

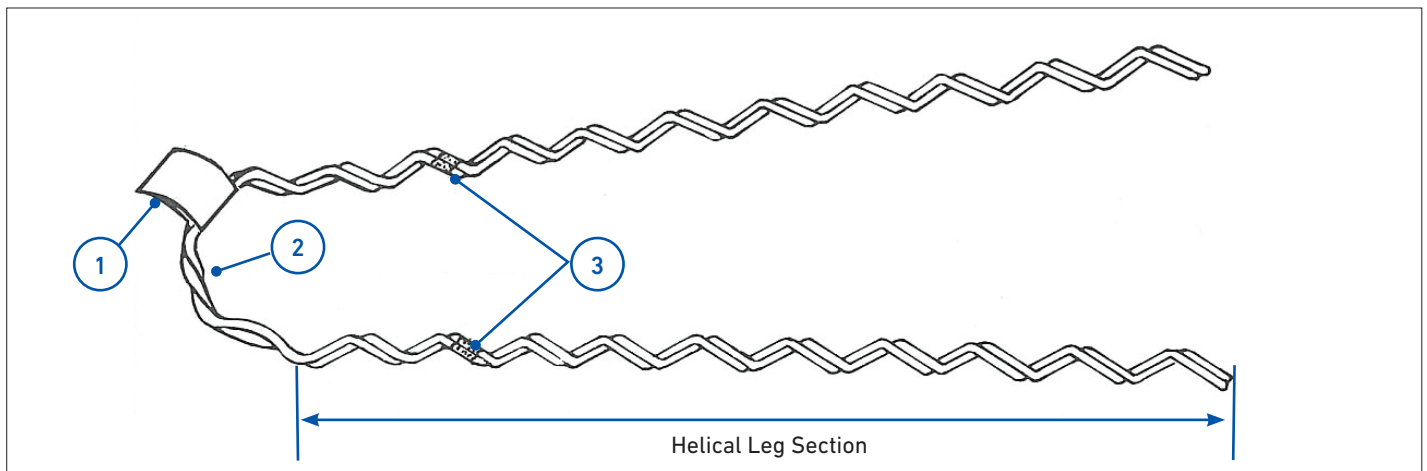


### IMPORTANT SAFETY INFORMATION

**READ AND COMPLETELY UNDERSTAND ALL INSTRUCTIONS BEFORE INSTALLING PRODUCT. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN PERSONAL INJURY OR DEATH.**

This product is intended for use by trained technicians only. This product should not be used by anyone who is not familiar with and not trained to use it. When working in the area of energized lines, extra care should be taken to prevent accidental electrical contact. Be sure to wear proper safety equipment per your company protocol. These instructions are not intended to supersede any company construction or safety standards. These instructions are offered only to illustrate safe installation for the individual. PLP products are intended for the specified application only. Do not modify this product under any circumstances. Do not reuse or reinstall any PLP product unless that capability is expressly indicated in the product's Installation Instructions. For proper performance and personal safety, be sure to select the proper PLP product before installation. PLP products are precision devices. To ensure proper performance, they should be stored in cartons under cover and handled carefully.

### PRODUCT COMPONENTS



1. Identification Tag
2. Loop Section (Bail)
3. Crossover Marks

## INSTALLATION GUIDELINES

### CAUTION

Failure to follow the precautions, notes, and steps contained within these Installation Instructions represents a misapplication of the product.

- Ensure you are using the correct Dead-End for your application. The Dead-End material must match the bare messenger material and strand lay direction for proper application. Refer to the tables below.
- Dead-Ends are precision devices. To ensure a tight assembly, they should be handled carefully. To prevent distortion and damage, they should be installed only as illustrated.
- Dead-Ends should be used only on the size strand for which they are designed.
- Dead-Ends **should not** be used as tools; that is, as come-alongs, pulling-in grips, etc.
- Dead-Ends should be applied only to smooth-contoured pole line hardware which has ample radius. Drive hooks, eye bolts and nuts do not have ample radii unless a proper thimble is used. The grip must be seated completely in the proper groove of the mating hardware to assure the wires of the loop don't lie across a ridge that may be present in the hardware. See Acceptable Fittings and Caution box in the Product Catalog.
- If in doubt about fittings or application, contact your factory representative for an engineering recommendation.

### For Galvanized Steel Messenger

Catalog Number	Messenger Diameter	Cable Manufacturer
DE-2525	0.051"	Various
DE-2505	0.063" – 0.072"	Various
DE-2506	0.083"	Various
DE-2501	0.109"	Various
DE-2503	0.134"	Various

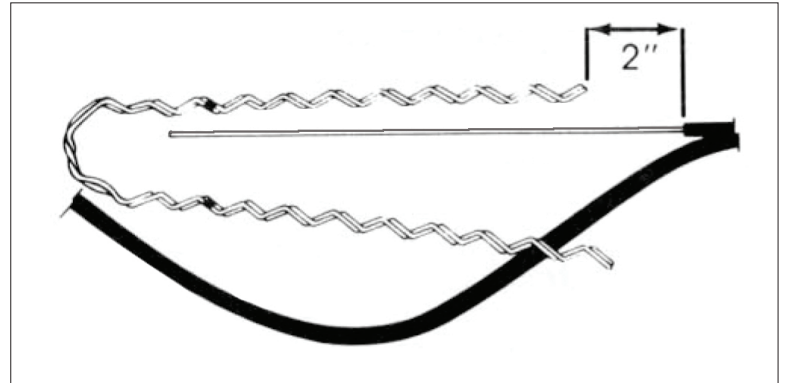
### For Stainless Steel Messenger

Catalog Number	Messenger Diameter	Cable Manufacturer
DE-8500*	0.063" – 0.072"	Various
DE-8501*	0.083"	Various
200811230 and 200811230T	0.094"	Prysmian

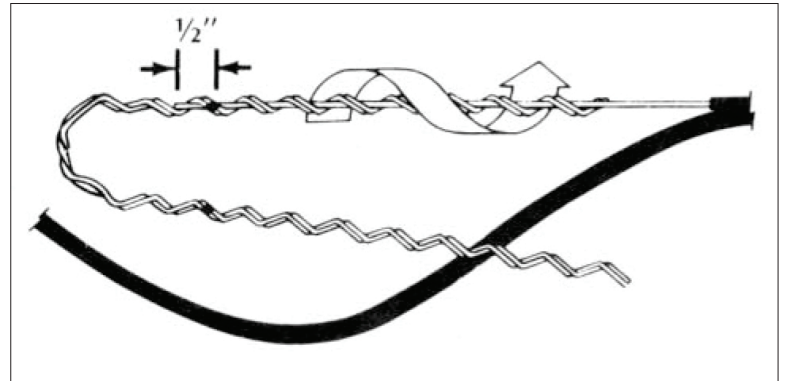
**\*NOTE:** For use on service drops of 100 feet in length or less.

- 1 Position the Figure 8 cable to the desired location. Separate the messenger to allow clearance for dead-end application. Strip the messenger to bare wire. Again, be certain there will be enough length for the drip loop.

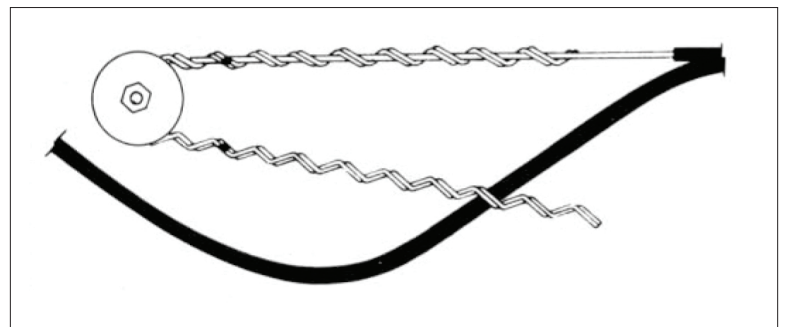
- 2 Starting from where the messenger has been stripped, mark the bare wire 2" longer than the leg section of the dead-end. Then, cut off excess messenger.



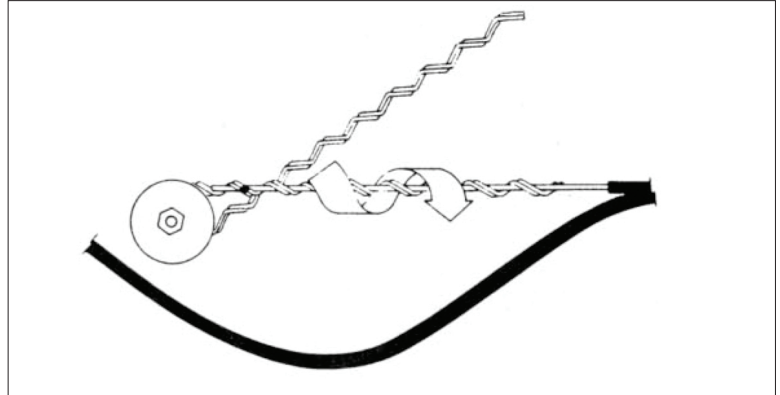
- 3 Lay the bare messenger in one of the dead-end's legs so that it extends about 1/2" above the crossover mark as shown. Wrap the leg around the wire to completion.



- 4 Insert the other leg of the dead-end around the hardware attachment so that the bail (loop area) is properly positioned and seated.



- 5 Match the crossover mark of this leg with the crossover mark on the completed leg. Wrap to completion.



- 6 Completed application of the dead-end.

