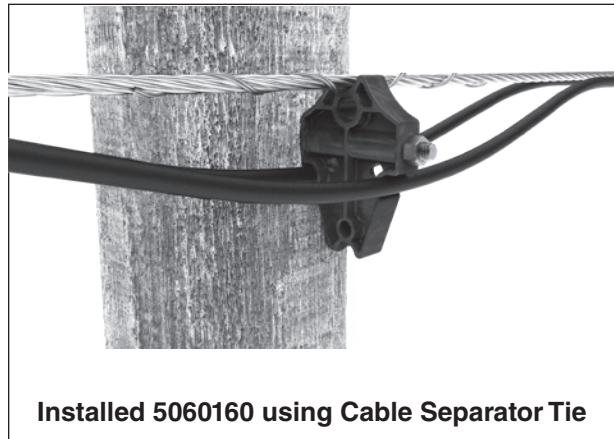




# Cable Separator: For use with Triplex or Quadraplex Cable



## GENERAL INFORMATION

Preformed Line Products Cable Separator is used with triplex or quadraplex cable. Ideal for mid-span or pole service drops. They are lightweight and easy to install. The unbreakable, black, glass-filled polypropylene material is non-corrosive and UV Stabilized.

### Features:

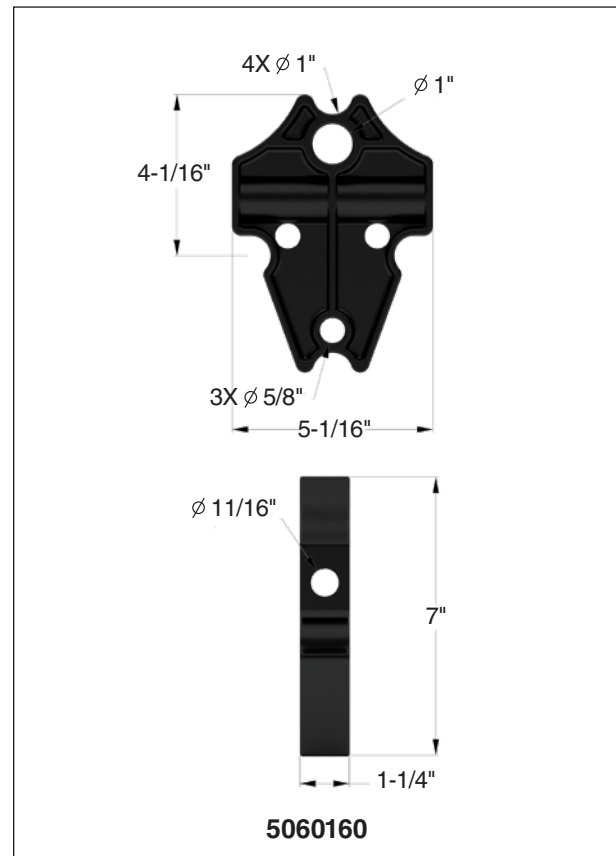
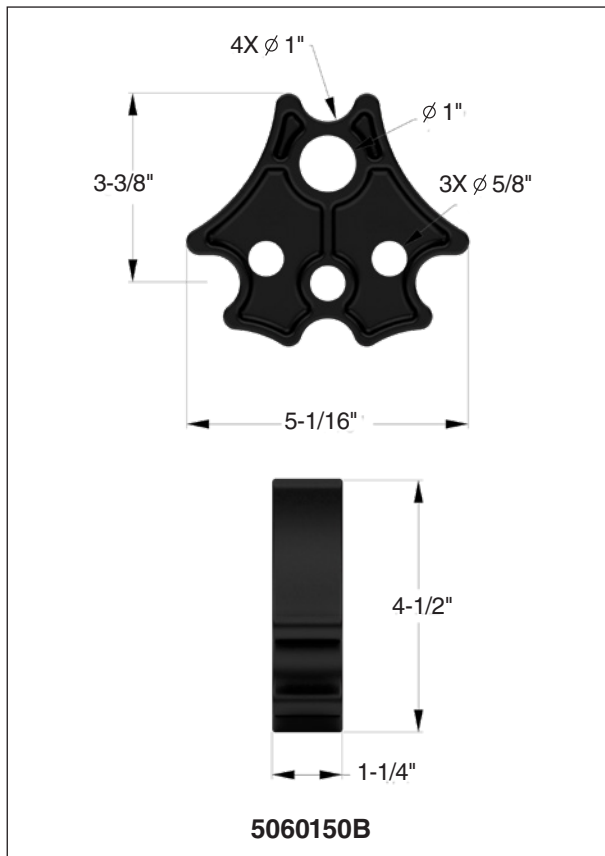
- Easily installed
- Lightweight
- Durable glass-filled polypropylene
- UV stabilized, non-corrosive material
- High dielectric strength suitable for up to 750 volts
- Deep conductor grooves for positive conductor placement
- Extra conductor groove for quadraplex applications

Cable Separators for Multiplex Cables			
Catalog No.	Description	Wt. Per Unit (oz.)	Units Per Carton
5060150B	1 Dead-end hole + 3 tie down holes	3.2	50
5060160	POLE-MOUNT Cable Separator – 1 Dead-End hole + 3 tie down holes, bolts directly to the pole	6	25

*Dimensions (continued next page)*

# Cable Separator: For use with Triplex or Quadraplex Cable

## DIMENSIONS



**NOTE:** Cable Separators are available in black only

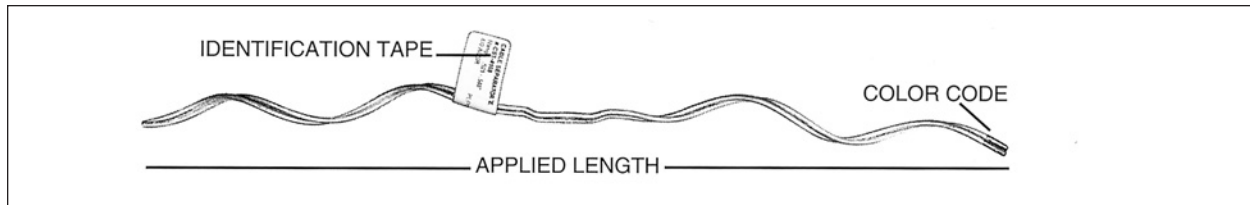
## SAFETY CONSIDERATIONS

1. This product is intended for a specified application. **CAUTION: DO NOT MODIFY THIS PRODUCT UNDER ANY CIRCUMSTANCES.** This product may be reused if in good condition.
2. This product is intended for use by trained craftspeople only. This product **SHOULD NOT BE USED** by anyone who is not familiar with and trained in the use of it.
3. When working in the area of energized lines with this product, **EXTRA CARE** should be taken to prevent accidental electrical contact.
4. For **PROPER PERFORMANCE AND PERSONAL SAFETY** be sure to select the proper size **PREFORMED™** Cable Separator before application.
5. **PREFORMED™** Cable Separators are precision devices. To ensure proper performance, they should be stored in cartons under cover and handled carefully.



# Cable Separator Tie

FOR USE ON BARE OR PLASTIC JACKETED CONDUCTORS  
AND TRI-PLEX OR QUADRAPLEX  
CABLE SEPARATORS



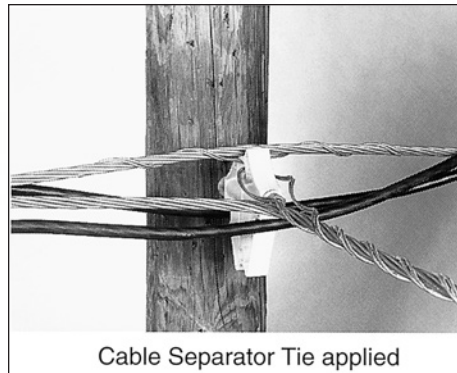
## NOMENCLATURE

**Material:** Aluminized steel.

**Color Code:** Identifies proper conductor size, corresponding to tabular information appearing in this section.

**Identification Tape:** Lists catalog numbers and nominal conductor sizes.

**Applied Length:** Describes length of tie after installation, plus assists in product identification.



Cable Separator Tie applied

## GENERAL RECOMMENDATIONS

The Cable Separator Tie is intended for use on aluminum based conductors with diameters from .245" to .588". Each Cable Separator Tie covers a range of conductor diameters as outlined in the following table.

Cable Separator Ties are designed to fit Preformed™ Cable Separators (except 5060100 series). However, Cable Separator Ties can also be used with cable separators from other manufacturers. Consult Preformed Line Products Company for recommendations.

To ensure proper fit and service life of the Cable Separator Tie, it is recommended only Cable Separator Ties with uniform dimensions be used. When in doubt, consult PLP® for general guidelines.

The Cable Separator Tie is designed to provide superior mechanical strength and resiliency during conductor motion and cyclic loading conditions.

The Cable Separator Tie is designed to outperform hand tie devices during conductor motion activity, such as aeolian vibration and galloping. However, on some lines the use of dampers may be necessary to prevent damage. Utilities that have experienced conductor motion or expect to, should consider adding dampers. Consult PLP for general guidelines and advice concerning conductor motion and dampers.

## INSTALLATION GUIDELINES

**Line Angles – General Guidelines:** Cable Separator Tie will normally accept small angles up to 10°, but in all cases the conductor should rest in the preferred insulator groove, independently of the tie, so the tie is not required to force the conductor to remain in that groove. The largest practical angle a tie can accommodate depends upon limiting factors such as conductor size, tension, span lengths, sag angles, insulator style and orientation, etc. Consult PLP for further guidance on line angle issues.

**Tapping:** Taps should not be made directly over the legs or loop of the Cable Separator Tie.

**Conductor Compatibility:** Cable Separator Ties should be used only on the size, type, and lay direction for which they are designed. When using conductors not mentioned in this catalog section, consult PLP.