

# PLH-R

## PREFORMED LOOP FOR HIGHWAY APPLICATIONS



### Ordering Information:

Model PLH-XX-XX-R



Model PLH-XX-XX-RA also available with Lead-in Cable perpendicular to Loop Cable.

- Designed for direct burial in dirt or gravel roadways
- High visibility (red) outer jacket is formulated from Thermoplastic Elastomer (TPE) for superior abrasion resistance
- Wire insulation and cable jackets are formulated from Cross-linked Polyethylene (XLPE)
- Splice enclosure is constructed of high impact glass impregnated plastic
- All splice connections are soldered, sealed, and tested
- Cables are filled with water block gel to prevent water penetration
- Can be configured to suit any geometry; rectangular, round, or Quadrapole
- Loop / lead-in cables are flexible for easy handling and installation

### Overview

The Model PLH-R Preformed Loop is a prefabricated loop / lead-in assembly designed for use in direct burial applications. Each component of the PLH (loop cable, lead-in cable, and splice enclosure) is designed to maximize durability, minimize water penetration, and maintain a flexible form that is easy to install and handle. Wire insulation and cable jackets are constructed with the optimal thickness of Cross-linked Polyethylene (XLPE) necessary to ensure a long, trouble free life. XLPE insulation provides excellent thermal, electrical, and physical properties and is recognized for its outstanding resistance to moisture and chemicals. The high visibility outer jacket is formulated from Elexar 8451 Thermoplastic Elastomer (TPE) for superior abrasion resistance and excellent low temperature flexibility.

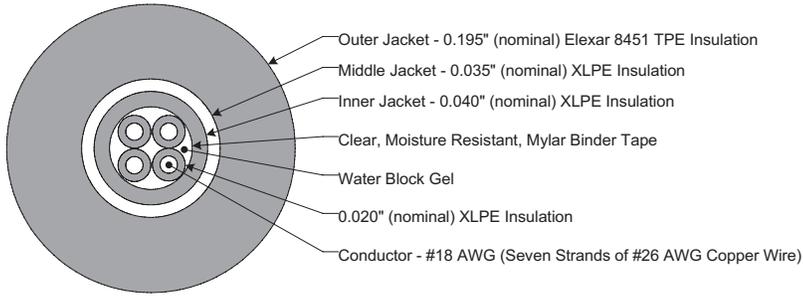


Power Door Products

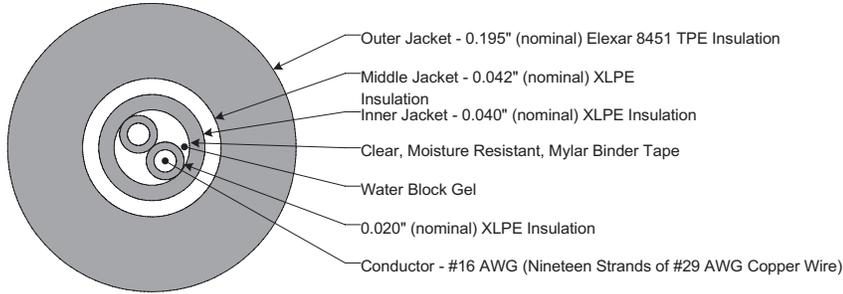
(914) 698-5083

[www.PowerDoorProducts.com](http://www.PowerDoorProducts.com)

## PLH-R SPECIFICATION

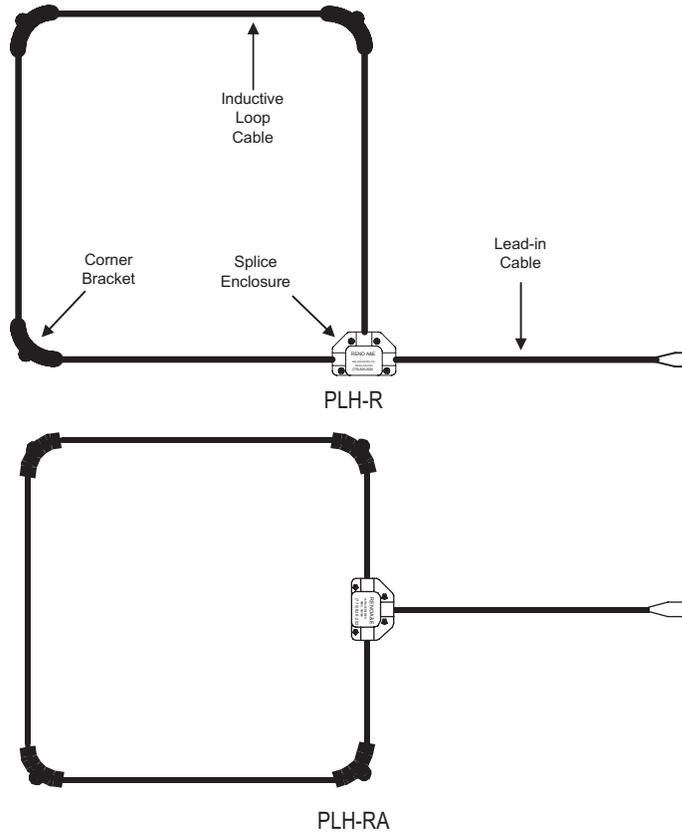


Triple Jacketed, Four Conductor Loop Cable (0.750" nominal O.D.)



Triple Jacketed, Two Conductor Lead-in Cable (0.750" nominal O.D.)

## PLH-R INSTALLATION INSTRUCTIONS



### Loop Installation:

1. If necessary, dig a shallow trench in which to place the PLH-R Preformed Loop. The orientation and dimensions of the trench should match the configuration of the loop and lead-in when installed.
2. If a trench has been dug, place the PLH-R in the trench. If no trench has been dug, place the PLH-R in the proper position and orientation in the desired location.
3. Route the lead-in cable to the desired termination point.
4. If desired, use the corner brackets (included with the PLH-R) to hold the loop in place.
5. Cover the loop with a suitable fill material. Make sure to maintain a minimum of 6 inches of coverage.