

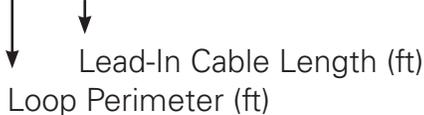
PLH - R

Performed Loop For Highway Applications



Ordering Information:

Model PLH - XX - XX - R



 Loop Perimeter (ft)

 Lead-In Cable Length (ft)

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

- **Designed for direct burial in dirt or gravel roadways**

- **Wire insulation and cable jackets are formulated from Cross-linked Polyethylene (XLPE)**

- **High visibility (red) outer jacket is formulated from Thermoplastic Elastomer (TPE) for superior abrasion resistance**

- **Splice enclosure is constructed of high impact glass impregnated plastic**

- **All splice connections are soldered, sealed, and tested**

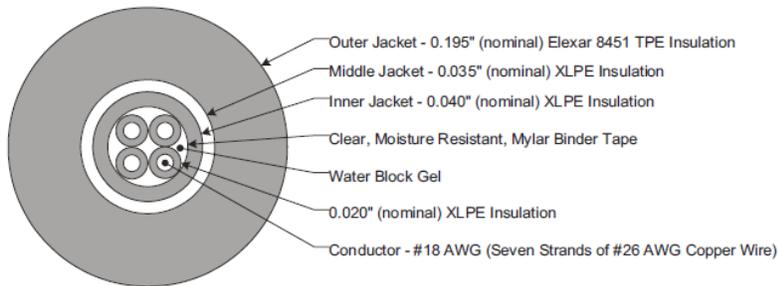
- **Cables are filled with water block gel to prevent water penetration**

- **Can be configured to suit any geometry; rectangular, round, or Quadrupole**

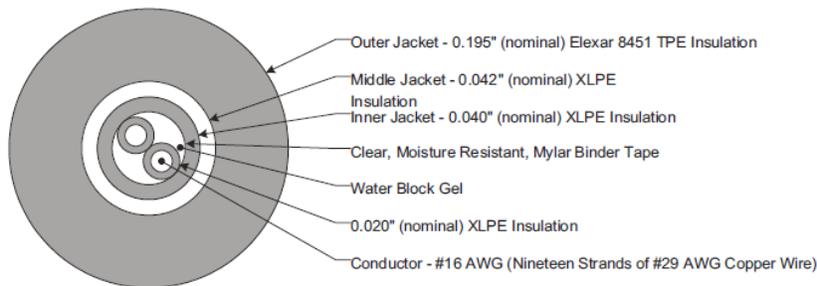
The Model PLH-R Preformed Loop is a prefabricated loop / lead-in assembly designed for use in direct burial applications. Each component of the PLH (loop cable, lead-in cable, and splice enclosure) is designed to maximize durability, minimize water penetration, and maintain a flexible form that is easy 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.

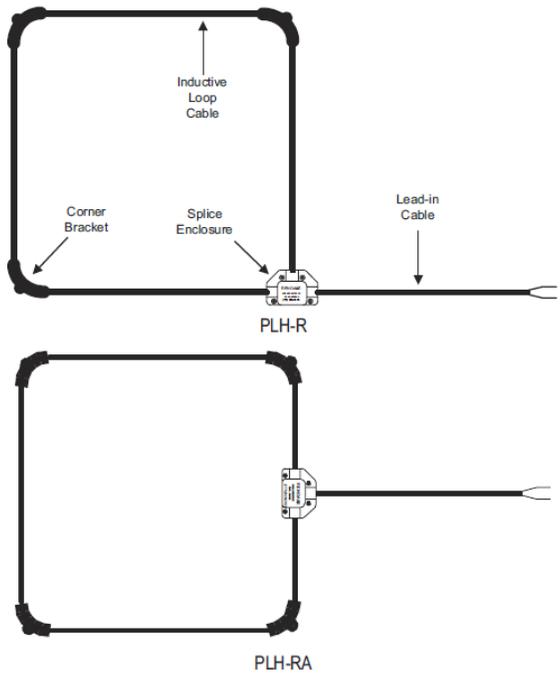
PLH Specifications



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



PLH Installation Instructions



Loop Installation:

1. If necessary, dig a shallow trench to 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.