

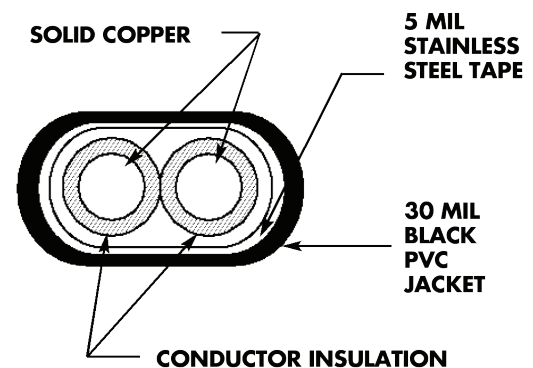
# ARMORED PERIMETER GUIDANCE CABLE

# SPEC

## P7117D-AG



**INSULATION: POLYETHYLENE**  
**ARMOR: STAINLESS STEEL TAPE**  
**JACKET: PVC**  
**SIZE: 14 AWG,**  
**1 OR 2 CONDUCTORS**



## 1.0 SCOPE

**1.1** This specification covers Direct Burial Cables designed specifically to guide Center Pivot Corner systems, consisting of solid conductors insulated with sunlight resistant Polyethylene, armored with stainless steel and having a sunlight resistant jacket overall.

## 2.0 CONSTRUCTION

### 2.1 CONDUCTORS:

14 AWG solid annealed uncoated copper conforming to UL standard 719.

### 2.2 INSULATION:

Low Density High Molecular weight Polyethylene with wall thickness of 0.045", suitable for Direct Burial Applications, for operation up to 600 volts and conductor temperatures up to 60°C, UL listed. Black for single conductor and red/white for two conductor cable.

### 2.3 ARMOR:

A .005" x .500" type 304 stainless steel tape is hellically wrapped over the two conductors with a 25% minimum overlap.

### 2.4 OUTER JACKET:

Sunlight resistant black PVC conforming to IPCEA S-61-402 NEMA WC5 and L 1263, nominal thickness .030. O.D. is .245" ± .010" for single conductor and .384" ± .010" for two conductor cables.

### 2.5 SURFACE PRINT:

"Paige P7117D-A ARMORED PERIMETER CABLE 14/1 or 14/2." Additional surface print to customer needs may be specified.

### 2.5 SPECIAL PACKAGING:

Packaging to be per Paige Specification P7141D