

**TORO JACKETED  
DECODER CABLES  
DIRECT BURIAL**



**SIZES: 14 AWG, SOLID COPPER, 2-CONDUCTOR**



**1.0 SCOPE:**

**1.1** This specification covers a jacketed cable containing two UL listed Sprinkler Systems Wires, single conductor, suitable for direct burial, for operation up to 600 volts, and temperatures up to 60°C.

**2.0 CONSTRUCTION:**

**2.1 *Inner Conductors:***  
Soft drawn bare copper meeting the requirements of ASTM specification B-3 or B-8. Insulation shall be low density high molecular weight polyethylene and a thickness of 0.045", per Paige Electric specification P7079D. The two conductors (black and white) shall be twisted with a minimum lay of 4".

**2.2 *Overall jacket:***  
Red, high density polyethylene with a thickness of 0.035". Available with optional identification stripe colors as listed in the table below. Stripe to be integrally extruded into and through the complete wall of the jacket with an approximate width of 1/8". The jacket shall be sufficiently round, and loose, to facilitate its removal when being stripped.

**2.3 *Surface Print:***

**2.31** Inner Conductors –  
"Paige Electric P7079D  
14 AWG PE UL Number  
600V Sprinkler System Wire  
Direct Burial"  
**2.32** Outer Jacket – "Paige Electric,  
P7350D, 14 AWG PE UL Number  
600V Sprinkler System Wire  
Direct Burial Only for Toro  
Decoder Systems RoHS"

**3.0 TEMPERATURE RATING**

**3.1 *Color Code:***  
-55°C to +60°C

**4.0 SPLICING RECOMMENDATIONS**

**4.1** Underground splices shall be made in accordance with National Electrical Code® Articles 300.5 (Underground Installations) and 110.14 (Electrical Connections) using 3M DBY-6 or DBR-6 connectors, which are UL listed under "UL 486D-Direct Burial", for wet or damp locations, 600 volts. Connectors that are not listed at all, or listed under UL Standard UL 486C as "Compression Connectors", shall not be allowed.

PAIGE PART NO.	JACKET STRIPE	OUTER DIAMETER	SHIPPING WEIGHT (Pounds/1000')
170800	None	.378" ± .020"	65
170800BK	Black		
170800YL	Yellow		
170800GN	Green		