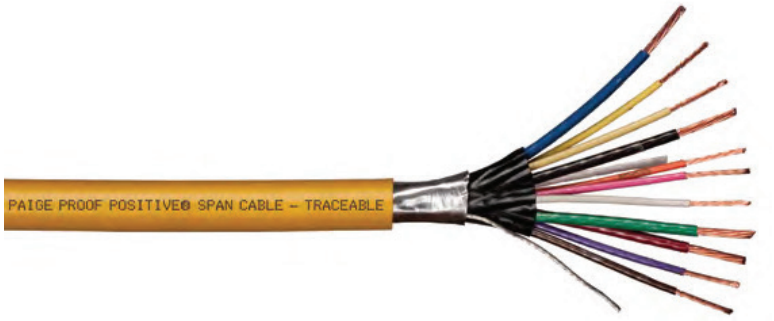
928-282-2783 800-997-2443 www.paigeprecisionag.com

PROOF POSITIVE® BONDED SHIELD IRRIGATION CABLE FOR POWER & CONTROL CIRCUITS

SPEC

P7065PPS

INSULATION: POLYVINYL CHLORIDE & NYLON
OUTER JACKET: POLYETHYLENE
SIZES: 10 AWG 4/C, 14 AWG 7/C



1.0 SCOPE

1.1 This specification covers construction requirements for a multi-conductor cable designed to operate electric motor driven irrigation systems, consisting of copper conductors insulated with PVC and nylon, cabled utilizing a PVC inner jacket, and an aluminum shield bonded to a PE outer jacket offering excellent mechanical strength and moisture resistance. Cable is UL listed as Irrigation Cable UL 1263, and made in accordance with Article 675 of the National Electrical Code. Paige 231080PPS.

2.0 CONSTRUCTION

2.1

NO. OF COND.	SIZE (AWG)	STRANDS	INSULATION WALL
4	10	7	.020" PVC/.004 NYLON
7	14	7	.015" PVC/.004 NYLON

2.2 CONDUCTOR:
Stranded, soft annealed uncoated copper conforming to ASTM B-8.

2.3 INSULATION:
Polyvinyl Chloride and Nylon conforming to UL Style THHN/THWN. Other insulation types may be allowed if they conform to UL1263.

2.4 CABLE ASSEMBLY:
Insulated conductors are cabled together in a suitable lay with an optional but not required 1 mil mylar tape wrapped helically over the assembly, 10% minimum overlap.

2.5 INNER JACKET:
Polyvinyl chloride conforming to IPCEA S-61-402 and NEMA WC5 - minimum average wall thickness .030".

2.6 COLOR CODING:
- 10 AWG - Red, Black, Blue, Green/Yellow stripe
- 14 AWG - Brown, White, Orange, Yellow, Purple, Pink, Yellow/Red stripe

Stripes must cover 30-50% of the insulated conductor circumference. If the insulation is type THHN/THWN/ TFN/ TFFN, it must be added to the PVC layer. For single layer insulations, the stripe must be extruded. Stripes may be longitudinal or spiral.

2.7 SHIELD:
.008 corrugated or smooth aluminum specially coated and applied in order to bond to the outer jacket.

2.8 OUTER JACKET:
Sunlight resistant Polyethelene (yellow) conforming to IPCEA S-61-402, NEMA WC5 and UL 1263. Minimum Average .050"

2.9 O.D.:
.700"-.800" nominal.

2.10 SURFACE PRINT:
Shielded Paige P7065PPS 10/4-14/7 Irrigation Cable 600 Volts NEC Art 675 E _____ (UL) RoHS. Sequentially print footages every 2 ft. Manufacturing Date (DD/MM/YYYY)

Proof Positive® Cable is manufactured by Southwire Company and sold exclusively through Paige.

Rev1 - 12.10.2019