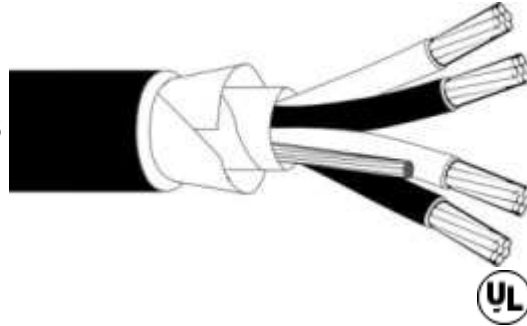


P.O. Box 368, Union, NJ 07083-0368, 908-687-7810, 800-327-2443, Fax: 908-687-8860



SHIELDED BURIED SIGNAL CABLE
INSULATION: POLYETHYLENE
JACKET: PE
SIZES: 18 AWG, 4 CONDUCTOR/2 PAIRS



1.0 SCOPE

1.1 This specification covers a multi-pair direct burial shielded cable designed to carry signals for Irrigation Control Equipment.

2.0 CONSTRUCTION

2.1

NO. OF PAIRS	NO. OF COND.	SIZE (AWG)	STRANDS	INSULATION WALL
2	4	18	7	.015" HIGH DENSITY PE

2.2 Conductor:

Stranded soft annealed tin coated copper conforming to ICEA S-56-434.

2.3 Insulation:

High density Polyethylene conforming to ICEA S-56-434.

2.4 Cable Assembly:

Insulated conductors are twisted into a pair and the cabled together.

2.5 Color Coding:

Pair 1 - Red, Black
 Pair 2 - Blue, Orange

2.6 Shield:

.00235" aluminum/mylar tape helically applied.

2.7 Drain Wire:

A 20 AWG tinned copper drain wire is laid in under the shield in contact with the aluminum side.

2.8 Jacket :

.045" PE jacket conforming to ICEA S-61-402, suitable for direct burial.

2.9 Roundness:

Cable to be round and smooth with no convolutions.

2.10 O.D.:

.375"

2.11 Surface Printing:

"2 Pr. 18 AWG Shld D/B Paige P7171D."