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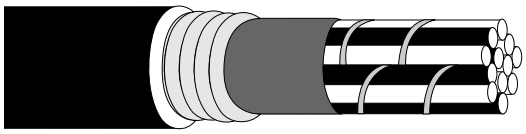
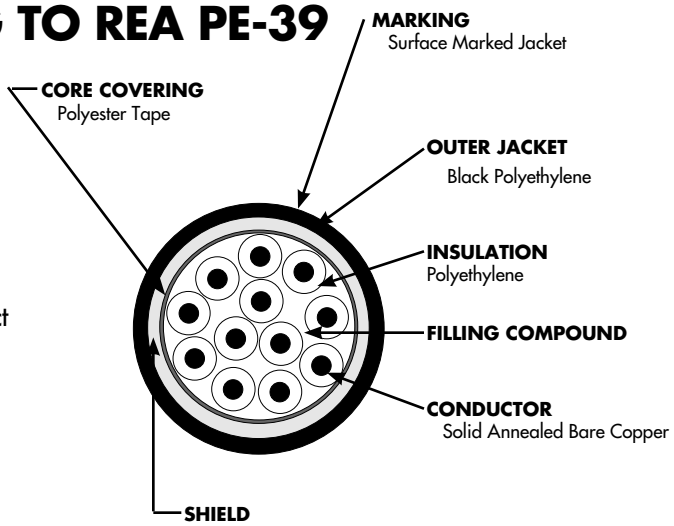
Paige® irrigation spec **P7315D-Rev 2**

DIRECT BURIAL CABLE
INSULATION: POLYETHYLENE
OUTER JACKET: POLYETHYLENE
SIZES: 19 AWG, CONFORMING TO REA PE-39 OR PE-54





1.0 APPLICATION:

1.1 The cable is designed for use as a duct or direct burial. The core is filled with a filling compound and the sheath interfaces are flooded with a flooding compound to protect it from moisture entry.

2.0 CONSTRUCTION:

2.1 *Conductor:*
19 AWG (0.9mm) solid annealed bare copper.

2.2 *Insulation:*
Polyethylene in distinctive colors, as follows, to facilitate pair identification:

Pair #	Color
1	WT/BU
2	WT/OR
3	WT/GN
4	WT/BN
5	WT/SL
6	RD/BU

2.3 *Twisted Pairs:*
The insulated conductors are twisted with varying lays to minimize crosstalk with no pair lay greater than 6" (15.24 cm.)

2.4 *Cable Assembly:*
The twisted pairs are assembled to form a substantially cylindrical core. A fill compound is applied to fill voids and conforming to REA PE-39/PE-54 requirements.

2.5 *Core Covering:*
Polyester tape is longitudinally applied with an overlap.

2.6 *Shield:*
Electrically continuous , 0.008" (0.2mm) thick, coated, corrugated aluminum shield, longitudinally applied with an overlap. Flooding compound is applied under and over the shield.
NOTE: Shield is inbedded within the outer jacket on PE-54

2.7 *Jacket:*
Black polyethylene.

2.8 *Surface Print:*
Manufacturer's identification, pair count, conductor size, and year of manufacture at 2' (610 mm) intervals on the outer jacket.

NO. OF PAIRS	NOMINAL O.D.		APPROXIMATE SHIP WEIGHT	
	INCH	MM	LB/MFT	KG/KM
3	0.48	12.2	106	158
6	0.58	14.7	175	261