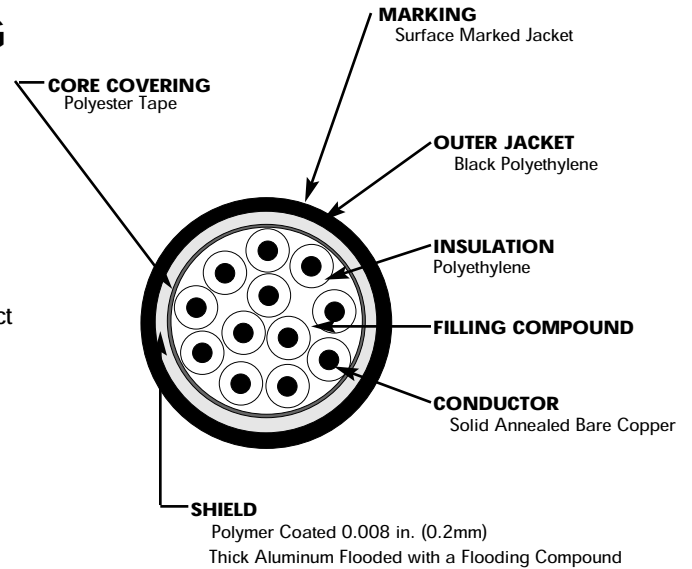
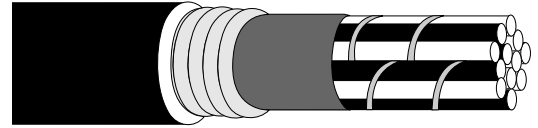


**DIRECT BURIAL CABLE**  
**INSULATION: POLYETHYLENE**  
**OUTER JACKET: POLYETHYLENE**  
**SIZES: 19 AWG, CONFORMING**  
**TO REA PE-39 OR PE-54**



**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, corrugated aluminum shield, longitudinally applied with an overlap. Flooding compound is applied under and over the shield.  
 NOTE: Shield is sandwiched between 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