

**ARMORED SOLID CORE METHANE CABLE, 2000 VOLTS
3 CONDUCTOR W/GROUND**

INSULATION: XLPE

INSULATION JACKET: (PVC) POLYVINYL CHLORIDE

ARMOR: INTERLOCK GALVANIZED STEEL WIRE;

OUTER JACKET: PVC Compound (optional); SIZES: #4, 90°C WET/90°C DRY



1.0 APPLICATIONS:

1.1 Multi-Conductor, 2000 volt Power cable with cross-linked polyethylene (XLPE) insulated circuit conductors, an inner polyvinyl chloride (PVC) jacket, and galvanized steel interlocked armor, without a HDPE overall jacket. The cable is suitable in cable trays or aerial installations.

2.0 CONSTRUCTION:

2.1 Conductors:
Solid, soft drawn, bare copper circuit conductors in accordance with ASTM B-3 and ASTM B-8.

2.2 Insulation:
Insulation is 55 mils (0.055 inches) (1.40 mm) of heat and moisture resistant, thermosetting cross-linked polyethylene (XLPE).

2.3 Inner Jacket:

80 mils (0.080 inches) (2.03mm) of heat and moisture resistant, polyvinyl chloride (PVC) integral filled inner jacket.

2.4 Ground Wire:

Solid, soft drawn, bare copper grounding conductor.

2.5 Assembly:

Conductors and ground wire are cabled together with solid suitable fillers in the center of the cable.

2.6 Armor:

Over the core assembly there is an interlocking armor of interlocking galvanized steel.

2.7 Outer Jacket:

Overall black moisture and heat resistant, high density polyethylene (HDPE) outer jacket 65 mils (0.065 inches)(1.65 mm) optional.

3.0 Physical:

CONDUCTOR SIZE (AWG)	NUMBER OF INSULATED CONDUCTORS	GROUNDING CONDUCTOR SIZE (AWG)	INSULATION THICKNESS		INNER JACKET THICKNESS		OUTER JACKET THICKNESS		NOMINAL O.D.		TOTAL WEIGHT	
			Inches	mm	Inches	mm	Inches	mm	Inches	mm	(lbs)	kgs/km
4	3	8	0.055	1.400	0.080	2.030	0.065	1.650	1.330	33.800	1392	2071.0