



### Flat Cables

## 250 °F /121°C PP/LEAD Flat Electrical Submersible Pump Cable

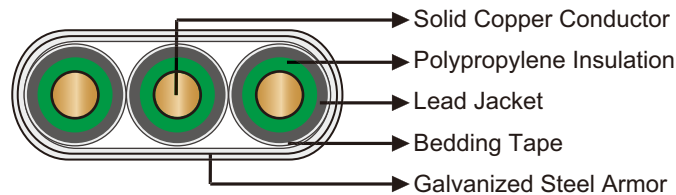
### » Application

These cables are designed for transmitting power to the submersible motor in the oil industry, suitable for installed down well in the oil industry.

### » Standard

IEEE Std. 1019  
API RP 11S5  
API RP 11S6

### » Construction



#### **Conductor:**

Solid bare copper conductor.

#### **Insulation:**

Polypropylene insulation with a metal deactivator and a poly adhesive layer to the conductor.

#### **Jacket:**

Lead jacket.

#### **Tape:**

Longitudinally applied, rubber backed, fabric bedding tap.

#### **Armor:**

Galvanized steel tape.



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### » Dimensions and Weight

#### 5kV

Cable Type	Conductor Size		Conductor O.D.		Insulation Thickness		Overall O.D.		Weight	
	AWG	mm <sup>2</sup>	inches	mm	Inches	mm	Inches	mm	lbs/kft	kg/km
QYPQ-121-5kV-3G4	4	21.1	0.20	5.2	0.09	2.3	1.60 x 0.62	40.6 x 15.7	1700	2529
QYPQ-121-5kV-3G2	2	33.6	0.26	6.6	0.09	2.3	1.76 x 0.67	44.7 x 17.0	2100	3124
QYPQ-121-5kV-3G1	1	42.4	0.29	7.4	0.09	2.3	1.85 x 0.70	47.0 x 17.8	2400	3571

Other conductor size can be offered upon request.