



### Round Cables

## 400°F / 204°C EPDM/EPDM Round Electrical Submersible Pump Cable

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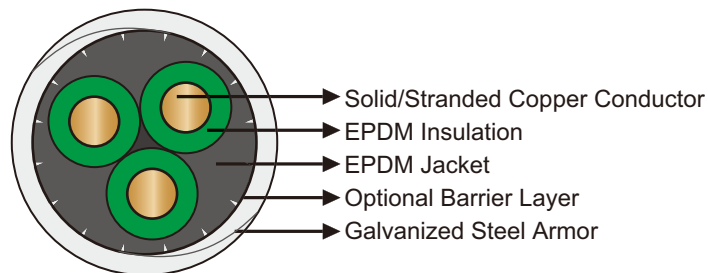
### » Applications

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. 1018  
API RP 11S5  
API RP 11S6

### » Construction



#### **Conductor:**

Solid/stranded copper conductor.

#### **Insulation:**

EPDM insulation.

#### **Optional Barrier:**

Tape, braid, tape and braid, or extruded barrier, used for fluid protection and hoop strength.

#### **Jacket:**

EPDM rubber.

#### **Aarmor:**

Galvanized steel.



## Round Cables

### » Dimensions and Weight

#### 3kV

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
QYEEY-204-3kV-3G10S	-	10	0.14	3.556	0.075	1.9	1.03	26.1	694	1032
QYEEY-204-3kV-3G6	6	13.3	0.162	4.115	0.075	1.9	1.09	27.8	798	1187
QYEEY-204-3kV-3G16S	-	16	0.178	4.521	0.075	1.9	1.14	29.0	880	1309
QYEEY-204-3kV-3G4	4	21.1	0.204	5.182	0.075	1.9	1.22	31.0	1024	1524
QYEEY-204-3kV-3G25S	-	25	0.222	5.639	0.075	1.9	1.27	32.3	1132	1685
QYEEY-204-3kV-3G2	2	33.6	0.258	6.553	0.075	1.9	1.38	35.1	1368	2036
QYEEY-204-3kV-3G1	1	42.4	0.289	7.341	0.075	1.9	1.47	37.4	1593	2370
QYEEY-204-3kV-3G1/0	1/0	53.5	0.368	9.347	0.075	1.9	1.71	43.4	2254	3354
QYEEY-204-3kV-3G2/0	2/0	67.4	0.414	10.516	0.075	1.9	1.84	46.8	2697	4014

#### 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
QYEEY-204-5kV-3G10S	-	10	0.14	3.556	0.09	2.3	1.12	28.5	760	1131
QYEEY-204-5kV-3G6	6	13.3	0.162	4.115	0.09	2.3	1.19	30.2	867	1290
QYEEY-204-5kV-3G16S	-	16	0.178	4.521	0.09	2.3	1.24	31.4	950	1414
QYEEY-204-5kV-3G4	4	21.1	0.204	5.182	0.09	2.3	1.31	33.4	1097	1632
QYEEY-204-5kV-3G25S	-	25	0.222	5.639	0.09	2.3	1.37	34.7	1207	1796
QYEEY-204-5kV-3G2	2	33.6	0.258	6.553	0.09	2.3	1.47	37.4	1446	2152
QYEEY-204-5kV-3G1	1	42.4	0.289	7.341	0.09	2.3	1.57	39.8	1674	2491
QYEEY-204-5kV-3G1/0	1/0	53.5	0.368	9.347	0.09	2.3	1.80	45.7	2342	3485
QYEEY-204-5kV-3G2/0	2/0	67.4	0.414	10.516	0.09	2.3	1.94	49.2	2790	4152