



Flat Cables

400°F / 204°C EPDM/EPDM Flat Electrical Submersible Pump Cable

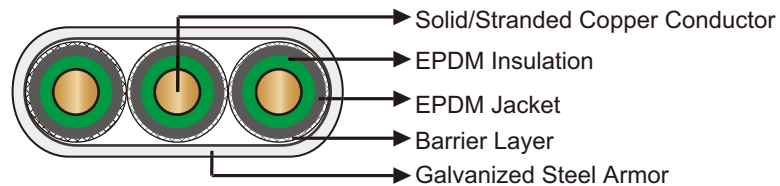
» Applications

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.

Jacket:

EPDM rubber. Each insulated conductor should be individually jacketed or three conductors laid parallel within a common encapsulated jacket.

Barrier:

Barrier tape and braid, used for fluid protection and hoop strength.

Aarmor:

Galvanized steel.



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» Dimensions and Weight

3kV

Cable Type	Conductor Size		Conductor O.D.		Insulation Thickness		Overall O.D.		Weight	
	AWG	mm ²	inches	mm	Inches	mm	Inches	mm	lbs/kft	kg/km
QYEE-204-3kV-3G10S	-	10	0.14	3.556	0.075	1.9	1.55×0.54	39.3×13.8	793	1180
QYEE-204-3kV-3G6	6	13.3	0.162	4.115	0.075	1.9	1.64×0.57	41.6×14.5	901	1341
QYEE-204-3kV-3G16S	-	16	0.178	4.521	0.075	1.9	1.70×0.59	43.3×15.1	985	1466
QYEE-204-3kV-3G4	4	21.1	0.204	5.182	0.075	1.9	1.81×0.63	46.0×16.0	1134	1688
QYEE-204-3kV-3G25S	-	25	0.222	5.639	0.075	1.9	1.89×0.66	47.9×16.6	1245	1853
QYEE-204-3kV-3G2	2	33.6	0.258	6.553	0.075	1.9	2.03×0.71	51.7×17.9	1487	2213
QYEE-204-3kV-3G1	1	42.4	0.289	7.341	0.075	1.9	2.16×0.75	54.9×19.0	1717	2555
QYEE-204-3kV-3G1/0	1/0	53.5	0.368	9.347	0.075	1.9	2.49×0.86	63.2×21.8	2390	3557
QYEE-204-3kV-3G2/0	2/0	67.4	0.414	10.516	0.075	1.9	2.68×0.92	68.1×23.4	2841	4229

5kV

Cable Type	Conductor Size		Conductor O.D.		Insulation Thickness		Overall O.D.		Weight	
	AWG	mm ²	inches	mm	Inches	mm	Inches	mm	lbs/kft	kg/km
QYEE-204-5kV-3G10S	-	10	0.14	3.556	0.09	2.3	1.68×0.59	42.6×14.9	865	1287
QYEE-204-5kV-3G6	6	13.3	0.162	4.115	0.09	2.3	1.77×0.62	44.9×15.6	975	1451
QYEE-204-5kV-3G16S	-	16	0.178	4.521	0.09	2.3	1.83×0.64	46.6×16.2	1061	1579
QYEE-204-5kV-3G4	4	21.1	0.204	5.182	0.09	2.3	1.94×0.67	49.3×17.1	1212	1804
QYEE-204-5kV-3G25S	-	25	0.222	5.639	0.09	2.3	2.02×0.70	51.2×17.7	1325	1971
QYEE-204-5kV-3G2	2	33.6	0.258	6.553	0.09	2.3	2.17×0.75	55.0×19.0	1570	2336
QYEE-204-5kV-3G1	1	42.4	0.289	7.341	0.09	2.3	2.29×0.79	58.3×20.1	1802	2682
QYEE-204-5kV-3G1/0	1/0	53.5	0.368	9.347	0.09	2.3	2.62×0.90	66.6×22.9	2483	3696
QYEE-204-5kV-3G2/0	2/0	67.4	0.414	10.516	0.09	2.3	2.81×0.96	71.4×24.5	2939	4374