



Round Cables

284°F / 140°C EPDM/NBR Round Electrical Submersible Pump Cable

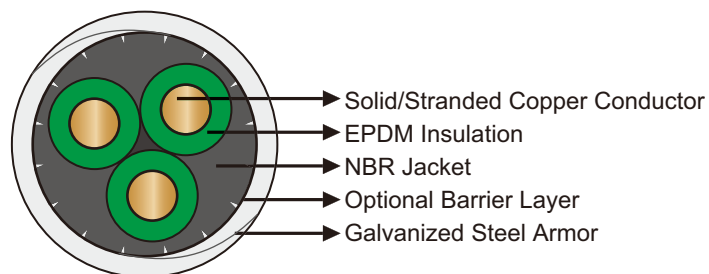
» Applications

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.

Optional Barrier:

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

Jacket:

Oil-resistant nitrile 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 ²	inches	mm	Inches	mm	Inches	mm	lbs/kft	kg/km
QYENY-140-3kV-3G10S	-	10	0.14	3.556	0.075	1.9	1.03	26.1	661	983
QYENY-140-3kV-3G6	6	13.3	0.162	4.115	0.075	1.9	1.09	27.8	763	1135
QYENY-140-3kV-3G16S	-	16	0.178	4.521	0.075	1.9	1.14	29.0	843	1254
QYENY-140-3kV-3G4	4	21.1	0.204	5.182	0.075	1.9	1.22	31.0	985	1465
QYENY-140-3kV-3G25S	-	25	0.222	5.639	0.075	1.9	1.27	32.3	1091	1623
QYENY-140-3kV-3G2	2	33.6	0.258	6.553	0.075	1.9	1.38	35.1	1323	1969
QYENY-140-3kV-3G1	1	42.4	0.289	7.341	0.075	1.9	1.47	37.4	1544	2298
QYENY-140-3kV-3G1/0	1/0	53.5	0.368	9.347	0.075	1.9	1.71	43.4	2197	3269
QYENY-140-3kV-3G2/0	2/0	67.4	0.414	10.516	0.075	1.9	1.84	46.8	2635	3922

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
QYENY-140-5kV-3G10S	-	10	0.14	3.556	0.09	2.3	1.12	28.5	724	1077
QYENY-140-5kV-3G6	6	13.3	0.162	4.115	0.09	2.3	1.19	30.2	828	1232
QYENY-140-5kV-3G16S	-	16	0.178	4.521	0.09	2.3	1.24	31.4	910	1354
QYENY-140-5kV-3G4	4	21.1	0.204	5.182	0.09	2.3	1.31	33.4	1054	1568
QYENY-140-5kV-3G25S	-	25	0.222	5.639	0.09	2.3	1.37	34.7	1162	1729
QYENY-140-5kV-3G2	2	33.6	0.258	6.553	0.09	2.3	1.47	37.4	1397	2079
QYENY-140-5kV-3G1	1	42.4	0.289	7.341	0.09	2.3	1.57	39.8	1622	2413
QYENY-140-5kV-3G1/0	1/0	53.5	0.368	9.347	0.09	2.3	1.80	45.7	2281	3395
QYENY-140-5kV-3G2/0	2/0	67.4	0.414	10.516	0.09	2.3	1.94	49.2	2725	4055