



Round Cables

176°F / 80°C PP/HDPE Round Electrical Submersible Pump Cable

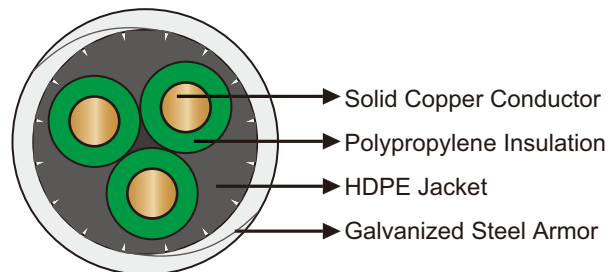
» Applications

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. 1019
API RP 11S5
API RP 11S6

» Construction



Conductor:

Solid bare copper conductor with poly adhesive layer.

Insulation:

Polypropylene insulation

Jacket:

Integral HDPE jacket.

Armor:

Galvanized steel armor.



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
QYPHY-80-3kV-3G6	6	13.3	0.16	4.1	0.075	1.9	1.1	26.8	860	1280
QYPHY-80-3kV-3G4	4	21.1	0.20	5.1	0.075	1.9	1.1	29.1	1080	1607
QYPHY-80-3kV-3G2	2	33.5	0.26	6.6	0.075	1.9	1.3	32.6	1420	2113
QYPHY-80-3kV-3G1	1	42.4	0.29	7.4	0.075	1.9	1.3	33.8	1640	2440

4kV

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
QYPHY-80-4kV-3G6	6	13.3	0.16	4.1	0.08	2.1	1.1	27.7	900	1339
QYPHY-80-4kV-3G4	4	21.1	0.20	5.1	0.08	2.1	1.2	30.0	1120	1666
QYPHY-80-4kV-3G2	2	33.5	0.26	6.6	0.08	2.1	1.3	33.5	1460	2172
QYPHY-80-4kV-3G1	1	42.4	0.29	7.4	0.08	2.1	1.4	34.6	1680	2500

5kV

Cable Type	Conductor Size		Conductor O.D.		Insulation Thickness		Overall O.D.		Weight	
	AWG	mm ²	inches	mm	Inches	mm	Inches	mm	lbs/ft	kg/m
QYPHY-80-5kV-3G6	6	13.3	0.16	4.1	0.09	2.3	1.1	28.5	930	1384
QYPHY-80-5kV-3G4	4	21.1	0.20	5.1	0.09	2.3	1.2	30.9	1160	1726
QYPHY-80-5kV-3G2	2	33.5	0.26	6.6	0.09	2.3	1.4	34.3	1500	2232
QYPHY-80-5kV-3G1	1	42.4	0.29	7.4	0.09	2.3	1.4	35.5	1720	2559

Other conductor size can be offered upon request.