



Flat Cables

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

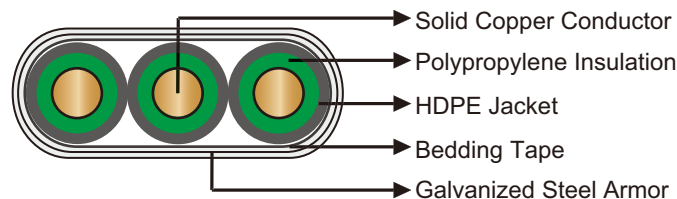
» Applications

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. 1019
API RP 11S5
API RP 11S6

» Construction



Conductor:

Solid bare copper conductor with poly adhesive layer.

Insulation:

Polypropylene insulation

Jacket:

HDPE jacket.

Tape:

Helicoidally applied bedding tape.

Armor:

Galvanized steel armor.



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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
QYPH-80-3kV-3G6	6	13.3	0.16	4.1	0.075	1.9	1.5 x 0.6	39.2 x 14.4	850	1265
QYPH-80-3kV-3G4	4	21.1	0.20	5.1	0.075	1.9	1.7 x 0.6	42.4 x 15.5	1060	1577
QYPH-80-3kV-3G2	2	33.5	0.26	6.6	0.075	1.9	1.8 x 0.7	46.5 x 16.9	1360	2023
QYPH-80-3kV-3G1	1	42.4	0.29	7.4	0.075	1.9	1.9 x 0.7	48.9 x 17.7	1560	2321

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
QYPH-80-4kV-3G6	6	13.3	0.16	4.1	0.08	2.1	1.6 x 0.6	40.4 x 14.8	880	1309
QYPH-80-4kV-3G4	4	21.1	0.20	5.1	0.08	2.1	1.7 x 0.6	43.6 x 15.9	1090	1622
QYPH-80-4kV-3G2	2	33.5	0.26	6.6	0.08	2.1	1.9 x 0.7	47.7 x 17.3	1390	2068
QYPH-80-4kV-3G1	1	42.4	0.29	7.4	0.08	2.1	2.0 x 0.7	50.1 x 18.1	1590	2366

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
QYPH-80-5kV-3G6	6	13.3	0.16	4.1	0.09	2.3	1.6 x 0.6	41.6 x 15.2	910	1354
QYPH-80-5kV-3G4	4	21.1	0.20	5.1	0.09	2.3	1.8 x 0.6	44.8 x 16.3	1120	1666
QYPH-80-5kV-3G2	2	33.5	0.26	6.6	0.09	2.3	1.9 x 0.7	48.9 x 17.7	1420	2113
QYPH-80-5kV-3G1	1	42.4	0.29	7.4	0.09	2.3	2.0 x 0.7	51.3 x 18.5	1620	2410

Other conductor size can be offered upon request.