176℉/80℃ PP/HDPE Unarmored Round Electrical Submersible Pump Cable

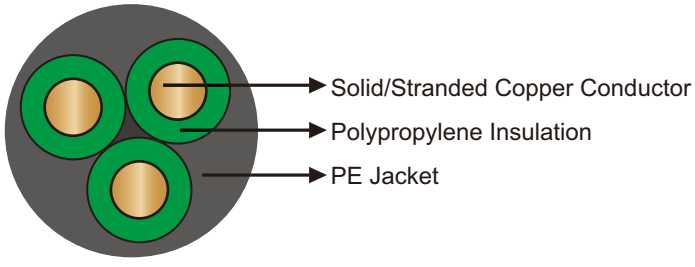
» Applications

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/stranded copper conductor.

Insulation:

Polypropylene insulation.

Jacket:

Excellent abrasion resistance PE.

Round Cables

» Dimensions and Weight

3kV

Cable Type	Conductor Size		Conductor O.D.		Insulation Thickness		Overall O.D.		Weight	
	AWG	mm²	inches	mm	Inches	mm	Inches	mm	lbs/kft	kg/km
QYPHY(U)-80-3kV-3G10S	-	10	0.14	3.556	0.075	1.9	0.98	24.9	518	771
QYPHY(U)-80-3kV-3G6	6	13.3	0.162	4.115	0.075	1.9	1.04	26.5	613	913
QYPHY(U)-80-3kV-3G16S	-	16	0.178	4.521	0.075	1.9	1.09	27.7	689	1025
QYPHY(U)-80-3kV-3G4	4	21.1	0.204	5.182	0.075	1.9	1.17	29.7	823	1225
QYPHY(U)-80-3kV-3G25S	-	25	0.222	5.639	0.075	1.9	1.22	31.1	924	1375
QYPHY(U)-80-3kV-3G2	2	33.6	0.258	6.553	0.075	1.9	1.33	33.8	1146	1705
QYPHY(U)-80-3kV-3G1	1	42.4	0.289	7.341	0.075	1.9	1.42	36.1	1358	2021
QYPHY(U)-80-3kV-3G1/0	1/0	53.5	0.368	9.347	0.075	1.9	1.66	42.1	1987	2958
QYPHY(U)-80-3kV-3G2/0	2/0	67.4	0.414	10.516	0.075	1.9	1.80	45.6	2413	3591

5kV

Cable Type	Conductor Size		Conductor O.D.		Insulation Thickness		Overall O.D.		Weight	
	AWG	mm²	inches	mm	Inches	mm	Inches	mm	lbs/kft	kg/km
QYPHY(U)-80-5kV-3G10S	-	10	0.14	3.556	0.09	2.3	1.07	27.2	582	866
QYPHY(U)-80-5kV-3G6	6	13.3	0.162	4.115	0.09	2.3	1.14	28.9	681	1013
QYPHY(U)-80-5kV-3G16S	-	16	0.178	4.521	0.09	2.3	1.19	30.1	759	1129
QYPHY(U)-80-5kV-3G4	4	21.1	0.204	5.182	0.09	2.3	1.26	32.1	897	1335
QYPHY(U)-80-5kV-3G25S	-	25	0.222	5.639	0.09	2.3	1.32	33.4	1001	1489
QYPHY(U)-80-5kV-3G2	2	33.6	0.258	6.553	0.09	2.3	1.42	36.2	1228	1827
QYPHY(U)-80-5kV-3G1	1	42.4	0.289	7.341	0.09	2.3	1.52	38.5	1445	2150
QYPHY(U)-80-5kV-3G1/0	1/0	53.5	0.368	9.347	0.09	2.3	1.75	44.5	2087	3105
QYPHY(U)-80-5kV-3G2/0	2/0	67.4	0.414	10.516	0.09	2.3	1.89	47.9	2520	3749