



Flat Cables

450°F /232°C EPDM/LEAD Flat Electrical Submersible Pump Cable

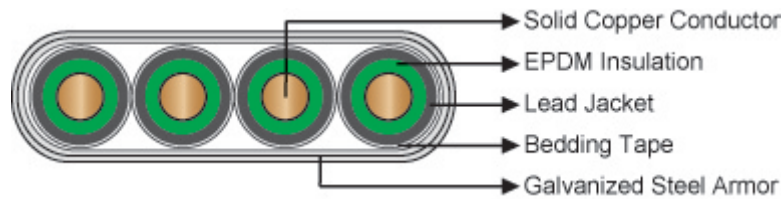
» Application

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 bare copper conductor.

Insulation: EPDM insulation with a poly adhesive layer to the conductor.

Jacket: Lead jacket.

Tape: Longitudinally applied, rubber backed, fabric bedding tap.

Armor: Galvanized steel tape.

» Dimensions and Weight

5kV

Cable Type	Conductor Size		Conductor O.D.		Insulation Thickness		Overall O.D.		Weight
	AWG	mm ²	inches	mm	Inches	mm	Inches	mm	kg/km
QYEQ-232-5kV-4G8	8	8.0	0.13	3.26	0.07	1.9	0.49 x 1.65	12.5 x 42.0	2270

Other conductor size can be offered upon request.



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» Electrical Data

Voltage	kV AC	5
Minimum Insulation Resistance (15.6°C)	MΩ·km	1899
Maximum DC Current Unbalance	%	2
Maximum DC Leakage (15.6°C)	μA/(kV·km)	0.53
Maximum DC Conductor Resistant	Ω/km	2.11
DC 35kV/5min		No breakdown

» Mechanical Data

Temperature Rated	°C	232
Minimum Bending Radius	mm	125