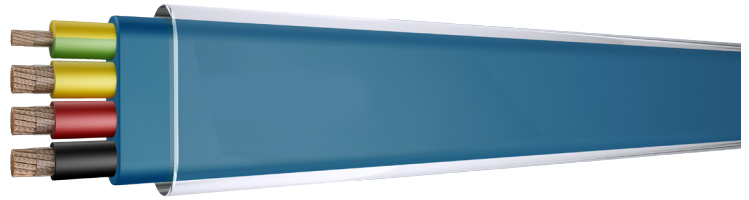


FLAT SUBMERSIBLE PUMP CABLE 600V

Flat Submersible Pump, Three or Four Cores Power Cables



SPECIFICATIONS & STANDARDS

ICEA S-75-381/NEMA WC-58, ASTM B3

CONSTRUCTION:

- Conductors:** Annealed flexible stranded bare copper in accordance with ASTM B-172 and ICEA S-75-381
- Separator:** A suitable tape separator between the conductor and insulation
- Insulation:** Ethylene-propylene rubber (EPR)
- Separator:** The wrap of polyester tape over insulation
- Circuit identification:** Colour coding of power conductors shall be black ,yellow, red
- Grounding conductor:** Annealed bare copper acc. Tab. 3-12 of ICEA S-75-381
Colour insulation: green-yellow
- Assembly:** Three power or three power + ground shall be laid parallel
- Internal layer of jacket:** A blue CPE thermosetting compound , heavy duty in accordance with par. 3.21 of ICEA S-75-381
- Outer layer of jacket:** A clear, abrasion resistant TPU (Polyurethane) jacket

FEATURES	APPLICATION
<ul style="list-style-type: none"> - Excellent flexibility - Water, ozone, sun, weather and flame resistant - Rated and flexible at -40°C to 90°C - Oil and heat resistant - Suitable for shallow water immersion 	<ul style="list-style-type: none"> - For use in salt water well applications - For supplying power to pumps - Other industrial applications

Conductor Size	Power Conductor Stranding	Nominal Thickness of Insulation	Nominal Thickness of Internal Jacket	Nominal Thickness of Outer Jacket	Approx. Dimensions	Approx. Weight	
						lbs./1000ft.	kg/km
Cores number x AWG	nb x inch	inches	inches	inches	inches		
3 x 6AWG	259 x 0.01	0.047	0.045	0.045	1.12 x 0.51	503	749
3 x 4AWG	412 x 0.01	0.047	0.045	0.045	1.2 x 0.54	674	1004
3 x 2AWG	636 x 0.01	0.047	0.045	0.060	1.43 x 0.62	970	1446
3 x 2/0AWG	1261 x 0.01	0.055	0.060	0.060	1.94 x 0.81	1856	2766
3 x 4/0AWG	2007 x 0.01	0.055	0.060	0.060	2.85 x 0.88	3417	5085
3 x 2AWG + 5AWG	636 x 0.01/340 x 0.01	0.045	0.045	0.060	1.77 x .060	1236	1840
3 x 1/0AWG + 3AWG	1056 x 0.01/525 x 0.01	0.055	0.060	0.060	2.17 x 0.72	1922	2860
3 x 2/0AWG + 2AWG	1261 x 0.01/636 x 0.01	0.055	0.060	0.060	2.39 x 0.77	2302	3425
3 x 4/0AWG + 1/0AWG	2007 x 0.01/1056 x 0.01	0.055	0.060	0.060	2.85 x 0.88	3417	5085

(1) Ampacity – Free air measured; Based on continuous duty at 90°C conductor temperature

