

PUMP CABLE 600V/2kV RUBBER JACKETED

Four Conductor Round Portable Pump Power Cable



SPECIFICATIONS & STANDARDS

ICEA S-75-381/NEMA WC58, ASTM B172, 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)
Circuit identification: Color coding of power conductors shall be black, red, yellow
Grounding conductor: Annealed bare copper as per Tab. 3-12 of ICEA S-75-381 Insulation color: green-yellow
Assembly: Three power and grounding conductor cabled together with rubber fillers
 Single faced rubber filled binder tape applied overall
Jacket: A CPE thermosetting compound, heavy duty in accordance with par. 3.21 of ICEA S-75-381
Color of jacket: Black; Other colors available

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

APPROVALS:

- UL:** E193954
MSHA: P-07-KA060001

Conductor Size	Power Conductor Stranding	Grounding Conductor Stranding	Nominal Thickness of Insulation	Approx. O.D.	Approx. Weight	Ampacity (1) 40°C Ambient Temp.
Cores number x AWG	nb x inch	nb x inche	inches	inches	lbs./1000ft	A
3 x 8AWG + 10AWG	166x0.01	104x0.01	0.06	1.01	590	54
3 x 6AWG + 8AWG	259x0.01	166x0.01	0.06	1.10	758	72
3 x 4AWG + 7AWG	412x0.01	210x0.01	0.06	1.14	929	93
3 x 2AWG + 5AWG	259x0.02	340x0.01	0.06	1.27	1283	106
3 x 1AWG + 4AWG	322x0.02	412x0.01	0.08	1.48	1703	143
3 x 1/0AWG + 3AWG	414x0.02	525x0.01	0.08	1.61	2064	165
3 x 2/0AWG + 2AWG	522x0.02	259x0.02	0.08	1.72	2468	192
3 x 3/0AWG + 1AWG	658x0.02	332x0.02	0.08	1.88	3003	221
3 x 4/0AWG + 2/0AWG	829x0.02	522x0.02	0.08	2.03	3697	255
3 x 250MCM + 2/0AWG	973x0.02	522x0.02	0.095	2.53	4935	280
3 x 350MCM + 3/0AWG	1361x0.02	658x0.02	0.095	2.78	6335	335
3 x 500MCM + 250AWG	1921x0.02	973x0.02	0.095	3.22	8688	395

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

