

# PUMP CABLE 600/2kV *Rubber Jacketed*

## Four conductor Round portable pump power cable

### SPECIFICATIONS & STANDARDS

ICEA S-75-381/NEMA WC-58  
ASTM B172, ASTM B 3

### CONSTRUCTION:

- Conductors:** Annealed flexible stranded bare copper in accordance with ASTM B-172 and ICEA S-75-381
- 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
- Separator:** A suitable tape separator between the conductor and insulation
- 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"><li>- Excellent flexibility</li><li>- Water, ozone, sun, weather and flame resistant</li><li>- Rated and flexible at -40°C to 90°C</li><li>- Oil and heat resistant</li><li>- Suitable for shallow water immersion</li></ul>	<ul style="list-style-type: none"><li>- For supplying power to pumps</li><li>- Other industrial applications</li></ul>

Standard length cable packing: 1000 ft reels; Other forms of packaging available

### APPROVALS:

UL: E193954



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Part Number	Power + Grounding Conductor Size	Power Conductor Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight		Ampacity (1) 40°C Ambient Temp.
	AWG or MCM	No. and Diameter of Stranding	inches	mm	inches	mm	lbs/1000 ft	kgs/km	A
PC8-3	3x8 AWG +10	166x0.01	0.06	1.52	0.99	25.1	625	930	54
PC6-3	3x6 AWG +8	259x0.01	0.06	1.52	1.11	28.3	837	1246	72
PC4-3	3x4 AWG +7	412x0.01	0.06	1.52	1.21	30.8	1105	1645	93
PC3-3	3x3 AWG +6	525x0.01	0.06	1.52	1.31	33.2	1299	1934	106
PC1-3	3x1 AWG +4	331x0.0159	0.08	2.03	1.56	39.6	1939	2886	143
PC1/0-3	3x1/0 AWG +3	414x0.0159	0.08	2.03	1.65	42.0	2287	3404	165
PC2/0-3	3x2/0 AWG +2	522x0.0159	0.08	2.03	1.81	45.9	2801	4168	192
PC3/0-3	3x3/0 AWG +1	658x0.0159	0.08	2.03	2.00	50.8	3449	5132	221
PC4/0-3	3x4/0 AWG +2/0	829x0.0159	0.08	2.03	2.45	62.3	5058	7527	255
PC250-3	3x250 MCM +2/0	973x0.0159	0.095	2.41	2.50	63.6	5343	7952	280
PC350-3	3x350 MCM +3/0	1361x0.0159	0.095	2.41	2.72	69.2	6403	9529	335
PC500-3	3x500 MCM +250	1921x0.0159	0.095	2.41	3.15	80.0	8787	13078	395

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

## STANDARD PRINT LEGEND:

TFCA (SIZE) W/GRD SUBMERSIBLE PUMP CABLE EPR/CPE 600V (UL) E193954

