



PUMP CABLE W/GRD

2000 V

Based on: ASTM B3, UL 44, ICEA S-75-381

Flat Pump Power Cables

APPLICATIONS

- Heavy-duty flexible for supplying power to pumps
- Other industrial applications

CONSTRUCTION

Conductors	Soft drawn flexible stranded bare copper wires
Separator	A suitable tape separator between the conductor and insulation
Insulation	Ethylene-propylene rubber (EPR)
Circuit identification	Black, red, yellow
Grounding conductor	Soft drawn flexible stranded bare copper wires Insulation color: green-yellow
Assembly	Three power and grounding conductor shall be laid parallel. Single faced rubber filled binder tape applied over each conductor
Jacket	Black heavy duty, CPE thermosetting compound

Features

Excellent flexibility	Oil and heat resistant
Water, ozone, sun, weather and flame resistant	Suitable for shallow water immersion
Temperature range -40°C to +90°C	Ink jet or indeed printed for easy identification



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Approvals

UL:	E193954
MSHA:	P-07-KA060001
Standard length cable packing	1000ft on drums. Other forms of packing and delivery are available on request

Part number	Conductor size	Power conductor stranding	Nominal Insulation Thickness		Approx. Outside dimensions		Approx. Weight		Ampacity(1)
			Inches	mm	Inches	mm	lbs/1000ft	kg/km	
PC6-3WG-FLT	3x6 + 8	259 x 0.01	0.07	1.78	0.60 x 1.72	15.3 x 43.6	986	1467	75
PC4-3WG-FLT	3x4 + 6	412 x 0.01	0.07	1.78	0.67 x 1.87	17.0 x 47.4	1086	1616	95
PC2-3WG-FLT	3x2 + 5	259 x 0.0159	0.07	1.78	0.72 x 2.08	18.2 x 52.8	1428	2125	130
PC1-3WG-FLT	3x1 + 4	332 x 0.0159	0.09	2.29	0.82 x 2.41	20.8 x 61.2	2105	3133	145
PC1/0-3WG-FLT	3x1/0 + 3	414 x 0.0159	0.09	2.29	0.87 x 2.58	22.1 x 65.5	2217	3299	170
PC2/0-3WG-FLT	3x2/0 + 2	522 x 0.0159	0.09	2.29	0.85 x 2.70	21.5 x 68.5	2623	3903	195
PC4/0-3WG-FLT	3x4/0 + 1/0	829 x 0.0159	0.09	2.29	1.14 x 3.37	29.0 x 85.6	4045	6019	260
PC250-3WG-FLT	3x250 + 2/0	973 x 0.0159	0.105	2.67	1.33 x 3.89	33.9 x 98.8	5109	7602	290
PC350-3WG-FLT	3x350 + 3/0	1361 x 0.0159	0.105	2.67	1.41 x 4.28	35.8 x 108.7	6395	9517	350
PC500-3WG-FLT	3x500 + 250	1921 x 0.0159	0.105	2.67	1.56 x 4.89	39.7 x 124.1	8477	12618	430

(1) Ampacities based on 90°C Conductor and 30°C Ambient temperature per table 310.16 of the National Electrical Code®

Standard Print Legend

TF CABLE (SIZE) / 3C W/GRD SUBMERSIBLE PUMP CABLE EPR/CPE (VOLTAGE) (UL) E193954 P-07-KA060001-MSHA

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