

PUMP CABLE FLAT W/O GRD 600V/2000V

Three Power Conductor without Ground Flat Submersible Pump Cable



SPECIFICATIONS & STANDARDS

UL 44, ICEA S-75-381/NEMA WC58, ASTM B172, ASTM B 3

CONSTRUCTION:

- Conductors:** Annealed flexible stranded bare copper in accordance with UL 44
Separator: A suitable tape separator between the conductor and insulation
Insulation: Ethylene-propylene rubber (EPR) as per clause 7.2.4 of UL 44 + faced rubber filled binder tape
Circuit identification: Color coding of power conductors shall be black, red, yellow
Assembly: Three power conductors shall be laid parallel
Jacket: Black heavy duty CPE thermoset compound, ICEA S-75-381 sec 3.21 and clause 7.2.6 of UL 44

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 supplying power to pumps - Other industrial applications

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

APPROVALS:

UL: E193954
MSHA: P-07-KA060001

SPECIAL FACTORY OPTIONS:

Jacket: Optional Neoprene® jacket available
 Other colors available

Part Number	Power Conductor Size	Power Conductor Stranding	Nominal Insulation Thickness		Nominal O.D.		Approx. Weight		Ampacity (1) 40°C Ambient Temp.
			inches	mm	inches	mm	lbs/1000 ft	kgs/km	A
W/GRD10-3	3x10 AWG	104x0.01	0.06	1.52	1.09x0.51	26.7x12.9	395	588	42
W/GRD8-3	3x8 AWG	166x0.01	0.06	1.52	1.19x0.56	30.3x14.1	515	766	54
W/GRD6-3	3x6 AWG	259x0.01	0.06	1.52	1.35x0.63	34.3x16.1	700	1042	72
W/GRD4-3	3x4 AWG	412x0.01	0.06	1.52	1.43x0.67	36.4x17.0	806	1200	93
W/GRD2-3	3x2 AWG	259x0.0159	0.06	1.52	1.65x0.72	41.8x18.2	1209	1800	122
W/GRD1-3	3x1 AWG	331x0.0159	0.08	2.03	1.83x0.83	46.4x21.1	1680	2500	143
W/GRD1/0-3	3x1/0 AWG	414x0.0159	0.08	2.03	1.98x0.87	50.4x22.1	1867	2779	165
W/GRD2/0-3	3x2/0 AWG	522x0.0159	0.08	2.03	2.13x0.92	54.0x23.3	2172	3232	192
W/GRD4/0-3	3x4/0 AWG	829x0.0159	0.08	2.03	2.36x1.14	60.0x29.0	2842	4230	255
W/GRD250-3	3x250 MCM	973.x0.0159	0.095	2.41	2.93x1.33	74.6x33.9	3894	5795	280
W/GRD350-3	3x350 MCM	1361x0.0159	0.095	2.41	3.15x1.41	80.0x35.8	5106	7600	335
W/GRD500-3	3x500 MCM	1921x0.0159	0.095	2.41	3.74x1.56	95.1x39.7	6920	10360	395

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

STANDARD PRINT LEGEND:

TF CABLE (SIZE) W/O GRD SUBMERSIBLE PUMP CABLE EPR/CPE 600/2000V (UL) E193954 P-07-KA060001-MSHA



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