

# PUMP CABLE FLAT W/O GRD 3/c 600/2kV

## Three conductor Flat submersible pump cable Without grounding conductor

### SPECIFICATIONS & STANDARDS

UL 44,  
ICEA S-75-381/NEMA WC-58  
ASTM B172, ASTM B 3

### CONSTRUCTION:

<b>Conductors:</b>	Annealed flexible stranded bare copper in accordance with UL 44
<b>Insulation:</b>	Ethylene-propylene rubber (EPR) as per clause 7.2.4 of UL 44 + faced rubber filled binder tape
<b>Circuit identification:</b>	Color coding of power conductors shall be black, red, yellow
<b>Assembly</b>	Three power conductors shall be laid parallel
<b>Separator:</b>	A suitable tape separator between the conductor and insulation
<b>Jacket:</b>	A CPE thermosetting compound, heavy duty conductors in accordance with Par. 3.21 of ICEA S-75-381 and clause 7.2.6 of UL 44; Neoprene® optional jacket available
<b>Color of jacket:</b>	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:

<b>MSHA:</b>	<b>P-07-KA060001-MSHA</b>
<b>UL:</b>	<b>E193954</b>

Neoprene is a registered trademark of DuPont



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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/OGRD10-3	3x10 AWG	104x0.01	0.06	1.52	1.09x0.51	26.7x12.9	395	588	42
W/OGRD8-3	3x8 AWG	166x0.01	0.06	1.52	1.19x0.56	30.3x14.1	515	766	54
W/OGRD6-3	3x6 AWG	259x0.01	0.06	1.52	1.35x0.63	34.3x16.1	700	1042	72
W/OGRD4-3	3x4 AWG	412x0.01	0.06	1.52	1.43x0.67	36.4x17.0	806	1200	93
W/OGRD2-3	3x2 AWG	259x0.0159	0.06	1.52	1.65x0.72	41.8x18.2	1209	1800	122
W/OGRD1-3	3x1 AWG	331x0.0159	0.08	2.03	1.83x0.83	46.4x21.1	1680	2500	143
W/OGRD1/0-3	3x1/0 AWG	414x0.0159	0.08	2.03	1.98x0.87	50.4x22.1	1867	2779	165
W/OGRD2/0-3	3x2/0 AWG	522x0.0159	0.08	2.03	2.13x0.92	54.0x23.3	2172	3232	192
W/OGRD4/0-3	3x4/0 AWG	829x0.0159	0.08	2.03	2.36x1.14	60.0x29.0	2842	4230	255
W/OGRD250-3	3x250 MCM	973.x0.0159	0.095	2.41	2.93x1.33	74.6x33.9	3894	5795	280
W/OGRD350-3	3x350 MCM	1361x0.0159	0.095	2.41	3.15x1.41	80.0x35.8	5106	7600	335
W/OGRD500-3	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:

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

