



# POWER KABEL INC.

## FLAT PUMP CABLE W/GROUND 2KV EPR/CPE UL

### APPLICATIONS & FEATURES

Heavy-duty flexible for supplying power to pumps. Water, ozone, sun, weather and flame resistant, Temperature range -40°C to +90°C, Oil and heat resistant., Suitable for shallow water immersion.

### INDUSTRY COMPLIANCES

ASTM B3, UL 44, ICEA S-75-381

### CONSTRUCTION

<b>CONDUCTORS:</b>	Soft drawn flexible stranded bare copper wires
<b>SEPERATOR:</b>	Separator between conductor and insulation
<b>INSULATION:</b>	Ethylene-propylene rubber (EPR)
<b>GROUND:</b>	Soft drawn flexible stranded bare copper wires Insulation
<b>ASSEMBLY:</b>	Three power and grounding conductor shall be laid parallel. Single faced rubber filled binder tape applied over each conductor
<b>JACKET:</b>	Black heavy duty CPE thermosetting compound.

No of CONDUCTORS X AWG(S)	STRANDS	INSULATION THICKNESS (INCHES)	OUTSIDE DIAMETER (INCHES)	NET WEIGHT (LBS/1000 FT)
3x6 + 8	259 x 0.01	0.07	0.60 x 1.72	986
3x4 + 6	412 x 0.01	0.07	0.67 x 1.87	1086
3x2 + 5	259 x 0.0159	0.07	0.72 x 2.08	1428
3x1 + 4	332 x 0.0159	0.09	0.82 x 2.41	2105
3x1/0 + 3	414 x 0.0159	0.09	0.87 x 2.58	2217
3x2/0 + 2	522 x 0.0159	0.09	0.85 x 2.70	2623
3x4/0 + 1/0	829 x 0.0159	0.09	1.14 x 3.37	4045
3x250 + 2/0	973 x 0.0159	0.105	1.33 x 3.89	5109
3x350 + 3/0	1361 x 0.0159	0.105	1.41 x 4.28	6395
3x500 + 250	1921 x 0.0159	0.105	1.56 x 4.89	6763

All values are nominal and subject to correction.