

# TYPE G 2/c 600 / 2kV

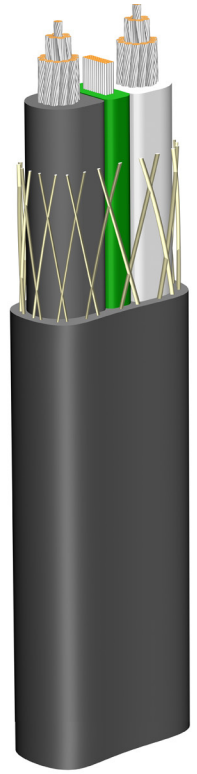
## Two conductor Flat portable power cable Mining grade

### SPECIFICATIONS & STANDARDS

ICEA S-75-381/NEMA WC58, ICEA S-95-658/NEMA WC70  
ASTM B 172, ASTM B 33

### CONSTRUCTION:

<b>Conductors:</b>	Annealed flexible stranded tin coated copper in accordance with ASTM B 172 and ICEA S-75-381
<b>Separator:</b>	A suitable tape separator between the conductor and insulation
<b>Insulation:</b>	Ethylene-propylene rubber (EPR) type EP, 90°C
<b>Circuit identification:</b>	Color coding of power conductors shall be black, white in accordance with Par. 3.18 of ICEA S-75-381
<b>Grounding conductor:</b>	Annealed tin coated copper covered with green EVA
<b>Reinforcement:</b>	Nylon open braid over assembly
<b>Jacket:</b>	CPE thermosetting compound, extra heavy duty in accordance with par. 3.21 of ICEA S-75-381; Optional Neoprene® 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 resistant and flame retardant</li><li>- Rated and flexible at -40°C</li><li>- Excellent impact and abrasion resistant</li><li>- Ozone sunlight oil, grease, weather, chemical resistant</li><li>- Indent printed for easy identification</li></ul>	<ul style="list-style-type: none"><li>- For use on A.C. off-track mining equipment where grounding is required</li><li>- Especially designed for A.C. shuttle cars, cutting and loading machines</li></ul>

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

### APPROVALS:

<b>MSHA:</b>	<b>P-7K-268108</b>
<b>UL:</b>	<b>E207132</b> – “Oil Resistant”; “75°C – Wet” or “90°C – Wet”; “Sunlight resistance” or “Sun Res”; “Oil Resistant inners”

Neoprene is a registered trademark of DuPont



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12/08 v2.4

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Part Number	Power Conductor		Grounding Conductor Size	Nominal Insulation Thickness	Nominal O.D.		Approx. Weight		Ampacity (1) 40°C Ambient Temp.
	Size	Stranding			inches	mm	lbs/1000 ft	kgs/km	A
G6-2 Flat Mining	6 AWG	133 7x19	8	0.06	0.56x1.03	14.2x26.2	502	747	95
G4-2 Flat Mining	4 AWG	259 7x37	7	0.06	0.61x1.15	15.5x29.2	662	985	127
G2-2 Flat Mining	2 AWG	259 7x37	5	0.06	0.73x1.35	18.5x34.3	991	1474	167
G1-2 Flat Mining	1 AWG	259 7x37	4	0.08	0.81x1.55	20.6x39.4	1231	1832	191
G1/0-2 Flat Mining	1/0 AWG	259 7x37	3	0.08	0.93x1.67	23.6x42.4	1542	2295	217
G2/0-2 Flat Mining	2/0 AWG	329 7x47	2	0.08	0.98x1.86	24.9x47.2	1870	2783	250
G4/0-2 Flat Mining	4/0 AWG	532 19x28	1/0	0.08	1.10x2.11	27.9x53.6	2602	3872	328

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

## STANDARD PRINT LEGEND:

TELE-FONIKA (SIZE) TYPE G PORTABLE POWER CABLE 600 / 2000V 90C SUN OIL RES 90C WET OR DRY (UL) E207132 P-7K-268108-MSHA

