

# TYPE G 4/c 2kV

## Four conductor Round portable power cable Industrial grade

### SPECIFICATIONS & STANDARDS

ICEA S-75-381/NEMA WC58  
ICEA S-95-658/NEMA WC70  
ASTM B172, ASTM B 33

#### CONSTRUCTION:

- Conductors:** Annealed flexible stranded tin coated copper or optional bare copper in accordance with ASTM B-172 and ICEA S-75-381
- Insulation:** Ethylene-propylene rubber (EPR)
- Circuit identification:** Color coding of power conductors shall be black, white, red, orange in accordance with Par. 3.18 of ICEA S-75-381
- Grounding conductors:** Annealed tin coated copper as per Tab. 3-12 of ICEA S-75-381  
Insulation: green rubber or green polyester tape
- Jacket:** A CPE thermosetting compound, heavy or extra heavy duty in accordance with par. 3.21 of ICEA S-75-381; Neoprene® optional jacket available
- Assembly:** Four power and four grounding conductors cabled together  
The rubberized cotton tape applied overall
- Separator:** A suitable tape separator between the conductor and insulation
- Color of jacket:** Black; Other colors available



FEATURES	APPLICATION
<ul style="list-style-type: none"><li>- Excellent flexibility</li><li>- Highly ozone, sun, weather, water and flame resistant</li><li>- Rated and flexible at -40°C</li><li>- Excellent impact and abrasion resistant</li><li>- Oil and heat resistant</li><li>- Indent printed for easy identification</li></ul>	<ul style="list-style-type: none"><li>- Specially suitable for portable power supply in mining machines</li><li>- For use on DC shuttle cars, cutting machines</li></ul>

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

#### APPROVALS:

- MSHA:** P-7K-268101 (CPE); P-7K-268077 (Neoprene)
- UL:** E207132 - "Oil Resistant"; "75°C - Wet" or "90°C -Wet"; "Sunlight resistance" or "Sun Res"; "Oil Resistant inners" (CPE)
- CUL:** E207132 - "FT1"; "FT5"; "(-40°C)" or "Minus 40°C"; "75°C" or "90°C"; "75°C-Wet" (CPE)
- CSA:** 1523058 (LR 103932) - "FT1"; "FT5"; "90°C"; "(-40°C)" (Neoprene)



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Part Number	Power Conductor Size	Power Conductor Stranding	Grounding Conductor Size	Nominal Insulation Thickness	Nominal O.D.		Approx. Weight		Ampacity (1) 40°C Ambient Temp.
	AWG or MCM	No. and Diameters of Stranding	AWG	inches	inches	mm	lbs/1000ft	kgs/km	A
G6-4	6 AWG	259x0.01	12	0.06	1.10	27.9	910	1354	72
G4-4	4 AWG	412x0.01	10	0.06	1.27	32.3	1378	2050	93
G2-4	2 AWG	259x0.0159	9	0.06	1.48	37.6	1914	2848	122
G1-4	1 AWG	331x0.0159	8	0.08	1.68	42.7	2311	3439	143
G1/0-4	1/0 AWG	414x0.0159	7	0.08	1.79	45.5	2810	4181	165
G2/0-4	2/0 AWG	522x0.0159	6	0.08	1.93	49.0	3253	4842	192
G3/0-4	3/0 AWG	658x0.0159	5	0.08	2.07	52.6	4099	6100	221
G4/0-4	4/0 AWG	829x0.0159	4	0.08	2.26	57.4	4925	7329	255
G250-4	250 MCM	973x0.0159	3	0.095	2.66	67.6	6060	9018	280
G350-4	350 MCM	1361x0.0159	1	0.095	2.98	75.7	8126	12093	335
G500-4	500 MCM	1921x0.0159	1/0	0.095	3.40	86.4	10758	16010	395

(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 2000V 90C SUN OIL RES 90C WET OR DRY (UL) E207132 C(UL) FT-5 (-40C) P-7K-268101-MSHA

