

## Type G Four-Conductor Portable Power Cable 2kV

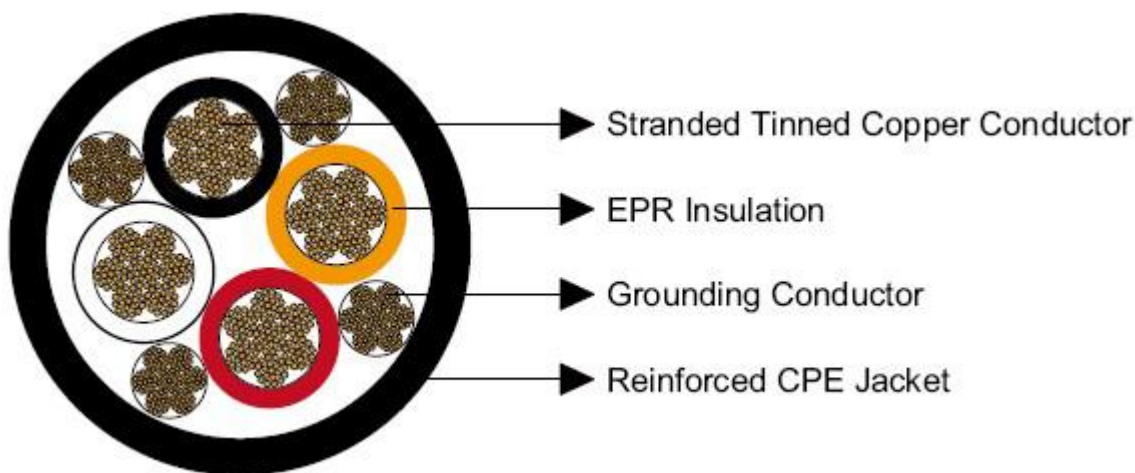
### Applications

These cables are designed for use with mobilemining equipment, such as continuous miners, cutting or loading machines, conveyors, drills or pump

### Standards

- ICEA S-75-381/NEMA WC 58
- ASTM B 172
- ASTM B 33
- CAN/CSA C22.2 No. 96

### Construction



**Conductors:** Stranded annealed tinned copper conductor.

**Insulation:**EPR.

**Grounding Conductor:**Tinned copper conductor with a green outer covering.

**Sheath:** Reinforced extra-heavy-duty Chlorinated Polyethylene(CPE), black. Other sheath materials can be offered as an option.

### Options:

Other jacket materials such as CSP/PCP/NBR/PVC are available upon request.

Two-layer jacket with reinforcing fibre between the two layers can be offered as an option.

### Mechanical and Thermal Properties

Minimum Bending Radius: 6×OD

Maximum Operating Temperature: +90℃

### Dimensions and Weight:

Construction	No. of Strands	Grounding Conductor Size	Nominal Insulation Thickness		Nominal Overall Diameter		Nominal Weight		Ampacity
			inch	mm	inch	mm	lbs/kft	kg/km	
No. of cores×AWG/kcmil	-	AWG/kcmil	inch	mm	inch	mm	lbs/kft	kg/km	A
4×6	259	12	0.06	1.5	1.10	27.9	910	1354	72

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4×4	412	10	0.06	1.5	1.27	32.3	1378	2050	93
4×2	259	9	0.06	1.5	1.48	37.6	1914	2848	122
4×1	331	8	0.08	2.0	1.68	42.7	2311	3438	143
4×1/0	414	7	0.08	2.0	1.79	45.5	2810	4181	165
4×2/0	522	6	0.08	2.0	1.93	49.0	3253	4840	192
4×3/0	658	5	0.08	2.0	2.07	52.6	4099	6099	221
4×4/0	829	4	0.08	2.0	2.26	57.4	4925	7327	255
4×250	973	3	0.095	2.4	2.66	67.6	6060	9016	280
4×350	1361	1	0.095	2.4	2.98	75.7	8126	12090	335
4×500	1921	1/0	0.095	2.4	3.40	86.4	10758	16006	395

Ampacity-Based on a conductor temperature of 90℃ and an ambient air temperature of 40℃, per ICEA S-75-381.