



Type G Four-Conductor Round Portable Power Cable 2kV

» Applications

These cables are designed for use with mobile mining equipment, such as continuous miners, cutting or loading machines, conveyors, drills or pumps.

» Standards

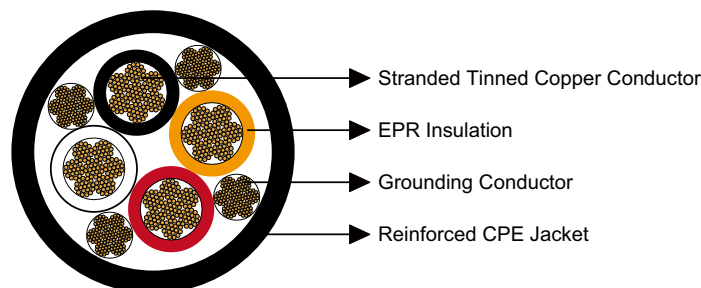
ICEA S-75-381/NEMA WC 58

ASTM B 172

ASTM B 33

CAN/CSA C22.2 No. 96

» Construction



Conductors:

Stranded annealed tinned copper conductor.

Insulation:

Ethylene Propylene Rubber (EPR).

Grounding Conductor:

Tinned copper conductor with an optional green outer covering.

Jacket:

Reinforced heavy-duty/extra-heavy-duty Chlorinated Polyethylene (CPE), black. (Cables having a nominal outside diameter of more than 2.0 inches require extra-heavy-duty jackets.)



Caledonian Mining Cables

Portable Power Cables

» 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 Conductor Operating Temperature: +90°C

» Dimensions and Weight

Construction	No. of Strands	Grounding Conductor Size	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Overall Diameter		Nominal Weight		Ampacity
			inch	mm	inch	mm	inch	mm	lbs/kft	kg/km	
No. of cores×AWG/kcmil	-	AWG/kcmil									A
4×6	259	12	0.06	1.5	0.140	3.6	1.10	27.9	910	1354	72
4×4	412	10	0.06	1.5	0.155	3.9	1.27	32.3	1378	2050	93
4×2	259	9	0.06	1.5	0.170	4.3	1.48	37.6	1914	2848	122
4×1	331	8	0.08	2.0	0.190	4.8	1.68	42.7	2311	3438	143
4×1/0	414	7	0.08	2.0	0.190	4.8	1.79	45.5	2810	4181	165
4×2/0	522	6	0.08	2.0	0.190	4.8	1.93	49.0	3253	4840	192
4×3/0	658	5	0.08	2.0	0.205	5.2	2.07	52.6	4099	6099	221
4×4/0	829	4	0.08	2.0	0.220	5.6	2.26	57.4	4925	7327	255
4×250	973	3	0.095	2.4	0.235	6.0	2.66	67.6	6060	9016	280
4×350	1361	1	0.095	2.4	0.250	6.4	2.98	75.7	8126	12090	335
4×500	1921	1/0	0.095	2.4	0.280	7.1	3.40	86.4	10758	16006	395

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