



Type G Two-Conductor Round Portable Power Cable 2kV

» Applications

These cables are designed for use in heavy duty services as power supply cable, mobile and portable electrical.

» Standards

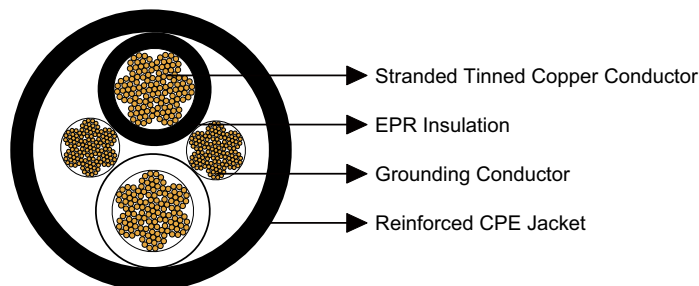
ICEA S-75-381/NEMA WC 58

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
2×8	133	10	0.06	1.5	0.110	2.8	0.81	20.6	495	736	72
2×6	259	10	0.06	1.5	0.125	3.2	0.93	23.6	650	967	95
2×4	259	8	0.06	1.5	0.140	3.6	1.08	27.4	940	1399	127
2×2	259	6	0.06	1.5	0.155	3.9	1.27	32.3	1360	2023	167
2×1	259	5	0.08	2.0	0.170	4.3	1.44	36.6	1730	2574	191
2×1/0	259	4	0.08	2.0	0.170	4.3	1.52	38.6	2000	2976	217
2×2/0	259	3	0.08	2.0	0.170	4.3	1.65	41.9	2240	3333	250
2×3/0	259	2	0.08	2.0	0.190	4.8	1.77	45.0	2860	4255	286
2×4/0	259	1	0.08	2.0	0.190	4.8	1.92	48.8	3500	5207	328

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