



Type G Four-Conductor 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 a 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.)
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°C

Dimensions and Weight:

Construction	No. of Strands	Grounding Conductor Size	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Overall Diameter		Nominal Weight		Ampacity
No. of cores×AWG/kcmil	-	AWG/kcmil	inch	mm	inch	mm	inch	mm	lbs/kft	kg/km	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	0.19 0	4.8	1.6 8	42. 7	2311	3438	143
4×1/0	414	7	0.08	2.0	0.19 0	4.8	1.7 9	45. 5	2810	4181	165
4×2/0	522	6	0.08	2.0	0.19 0	4.8	1.9 3	49. 0	3253	4840	192
4×3/0	658	5	0.08	2.0	0.20 5	5.2	2.0 7	52. 6	4099	6099	221
4×4/0	829	4	0.08	2.0	0.22 0	5.6	2.2 6	57. 4	4925	7327	255
4×250	973	3	0.09 5	2.4	0.23 5	6.0	2.6 6	67. 6	6060	9016	280
4×350	1361	1	0.09 5	2.4	0.25 0	6.4	2.9 8	75. 7	8126	1209 0	335
4×500	1921	1/0	0.09 5	2.4	0.28 0	7.1	3.4 0	86. 4	1075 8	1600 6	395

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