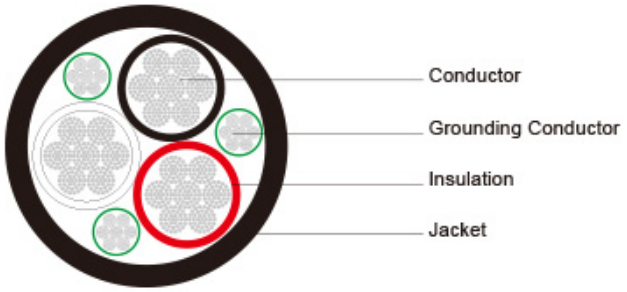
Type G Three-Conductor Portable Power Cable 2kV



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℃

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
3×8	133	10	0.06	1.5	0.125	3.2	0.91	23.1	590	878	59
3×6	168	10	0.06	1.5	0.140	3.6	1.01	25.7	760	1131	79
3×4	259	8	0.06	1.5	0.155	3.9	1.17	29.7	1070	1592	104

3×3	329	8	0.06	1.5	0.155	3.9	1.24	31.5	1280	1904	120
3×2	259	8	0.06	1.5	0.155	3.9	1.34	34.0	1530	2276	138
3×1	329	7	0.08	2.0	0.170	4.3	1.51	38.4	1890	2812	161
3×1/0	259	6	0.08	2.0	0.170	4.3	1.65	41.9	2320	3452	186
3×2/0	329	5	0.08	2.0	0.190	4.8	1.75	44.5	2700	4017	215
3×3/0	413	4	0.08	2.0	0.190	4.8	1.89	48.0	3270	4865	249
3×4/0	532	3	0.08	2.0	0.205	5.2	2.04	51.8	3970	5907	287
3×250	608	2	0.095	2.4	0.220	5.6	2.39	60.7	5080	7558	320
3×300	741	1	0.095	2.4	0.235	6.0	2.56	65.0	6080	9046	357
3×350	855	1	0.095	2.4	0.235	6.0	2.68	68.1	7140	10623	394
3×400	988	1/0	0.095	2.4	0.250	6.4	2.82	71.6	7780	11575	430
3×500	1221	2/0	0.095	2.4	0.250	6.4	3.03	77.0	9065	13487	487

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