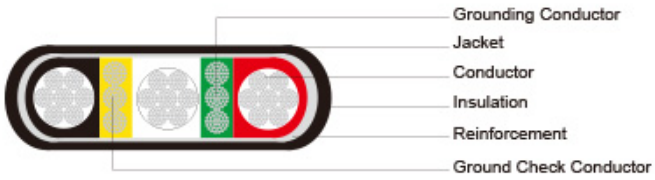
Type G-GC Three-Conductor Flat Portable Power Cable 2kV



Applications	These flat parallel cables are designed for use on ACmining equipment, such as A.C. shuttle cars, drills, cutting and loading machines.
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).
Ground Check Conductor	Tinned copper conductor with a yellow insulation.
Grounding Conductor	Tinned copper conductor with an optional green outer covering.
Reinforcement	Synthetic yarn.
Jacket	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	Ground Check Conductor Size	Nominal Insulation Thickness		Nominal Jacket Thickness		Nominal Overall Diameter Height×Width		Nominal Weight		Ampacity
No. of cores×AWG/kcmil	-	AWG/kcmil	AWG/kcmil	inch	mm	inch	mm	inch	mm	lbs/kft	kg/km	A
3×6	133	8	8	0.06	1.5	0.095	2.4	0.66×1.67	16.8×42.4	900	1340	79

3×4	259	7	8	0.06	1.5	0.095	2.4	0.72×1.87	18.3×47.5	1175	1750	104
3×3	259	6	6	0.06	1.5	0.110	2.8	0.78×2.08	19.8×52.8	1395	2080	120
3×2	259	5	6	0.06	1.5	0.110	2.8	0.85×2.23	21.6×56.6	1625	2415	138
3×1	259	4	6	0.08	2.0	0.125	3.2	0.96×2.50	24.4×63.5	2090	3110	161
3×1/0	259	3	5	0.08	2.0	0.140	3.6	1.01×2.67	25.6×67.8	2470	3675	186
3×2/0	329	2	5	0.08	2.0	0.140	3.6	1.09×2.86	27.7×68.1	2940	4375	215
3×3/0	413	1	5	0.08	2.0	0.155	3.9	1.18×3.12	30.0×79.2	3515	5230	249
3×4/0	532	1/0	5	0.08	2.0	0.155	3.9	1.24×3.30	31.5×83.8	4245	6315	287

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