



Type G Two-Conductor 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 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: 6xOD 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
			inch	mm	inch	mm	inch	mm	lbs/kft	kg/km	
No. of cores x AWG/kcmil	-	AWG/kcmil	inch	mm	inch	mm	inch	mm	lbs/kft	kg/km	A
2x8	133	10	0.06	1.5	0.110	2.8	0.81	20.6	495	736	72
2x6	259	10	0.06	1.5	0.125	3.2	0.93	23.6	650	967	95
2x4	259	8	0.06	1.5	0.140	3.6	1.08	27.4	940	1399	127
2x2	259	6	0.06	1.5	0.155	3.9	1.27	32.3	1360	2023	167
2x1	259	5	0.08	2.0	0.170	4.3	1.44	36.6	1730	2574	191
2x1/0	259	4	0.08	2.0	0.170	4.3	1.52	38.6	2000	2976	217
2x2/0	259	3	0.08	2.0	0.170	4.3	1.65	41.9	2240	3333	250
2x3/0	259	2	0.08	2.0	0.190	4.8	1.77	45.0	2860	4255	286

2x4/0	259	1	0.08	2.0	0.190	4.8	1.92	48.8	3500	5207	328
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Ampacity-Based on a conductor temperature of 90°C and an ambient air temperature of 40°C, per ICEA S-75-381.