

Type G Three-Conductor Portable Power Cable 2kV

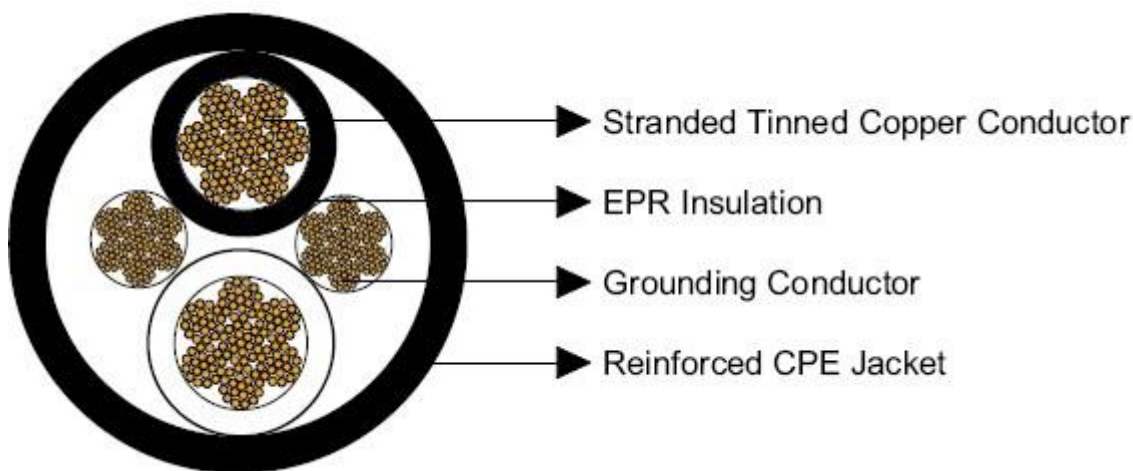
Applications

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:EPR.

Grounding Conductor:Tinned copper conductor with a green outer covering.

Sheath: Reinforced extra-heavy-duty Chlorinated Polyethylene(CPE), black. Other sheath materials can be offered as an option.

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 Overall Diameter		Nominal Weight		Ampacity
			inch	mm	inch	mm	lbs/kft	kg/km	
No. of cores×AWG/kcmil	-	AWG/kcmil							A
2×8	133	10	0.06	1.5	0.81	20.6	495	736	72

2×6	259	10	0.06	1.5	0.93	23.6	650	967	95
2×4	259	8	0.06	1.5	1.08	27.4	940	1399	127
2×2	259	6	0.06	1.5	1.27	32.3	1360	2023	167
2×1	259	5	0.08	2.0	1.44	36.6	1730	2574	191
2×1/0	259	4	0.08	2.0	1.52	38.6	2000	2976	217
2×2/0	259	3	0.08	2.0	1.65	41.9	2240	3333	250
2×3/0	259	2	0.08	2.0	1.77	45.0	2860	4255	286
2×4/0	259	1	0.08	2.0	1.92	48.8	3500	5207	328

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