

Caledonian

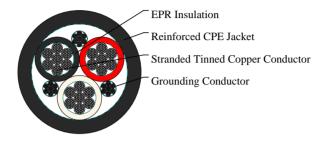
Mining Cables (ICEA & CSA Standard)

www.caledonian-cables.com marketing@caledonian-cables.com

Portable Power Cables

Type G Three-Conductor Round Portable Power Cable 2kV 3C3/0AWG





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

CABLE CONSTRUCTION

Conductors: Stranded annealed tinned copper conductor.

Insulation: Ethylene Propylene Rubber (EPR).

Grounding Conductor: Tinned copper conductor with an optional 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.

COLOUR CODE

Conductor Identification According to ICEA S-75-381:

3 Cores:Black+White+Red

PHYSICAL AND THERMAL PROPERTIES

Minimum Bending Radius: 6×OD

Maximum Conductor Operating Temperature: +90°C

DIMENSION AND PARAMETERS

1	No. of	AWG	No. of	Nominal	Nominal	Ground	Nominal	Nominal	Approx.	Approx.	Approx.	Ampacity
(Cores	Size	Strands	Insulation	Insulation	Wire	Jacket	Jacket	Overall	Overall	Weight	
				Thickness	Thickness		Thickness					



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			in	mm	AWG	in	mm	in	mm	kg/km	amps
3	3/0	413	0.08	2	4	0.19	4.8	1.89	48	4865	249