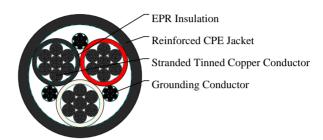# Caledonian

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 3C350AWG

- EPR Insulation
- Reinforced CPE Jacket
- Stranded Tinned Copper Conductor
- Grounding Conductor

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℃

DIMENSION AND PARAMETERS

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

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			in	mm	AWG	in	mm	in	mm	kg/km	amps
3	350	855	0.095	2.4	1	0.235	6	2.68	68.1	10623	394