

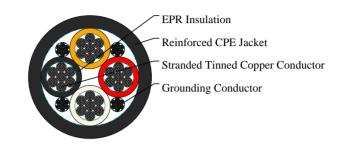
Caledonian

Mining Cables (ICEA & CSA Standard) www.caledonian-cables.com marketing@caledonian-cables.com

Portable Power Cables

Type G Four-Conductor Round Portable Power Cable 2kV 4C1/0AWG





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: 4 Cores:Black+White+Red+Orange

PHYSICAL AND THERMAL PROPERTIES

Minimum Bending Radius: 6×OD Maximum Conductor Operating Temperature: +90°C

DIMENSION AND PARAMETERS

| 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 |
|---|-----|-----|------|----|-----|------|-----|------|------|-------|------|
| 4 | 1/0 | 414 | 0.08 | 2 | 7 | 0.19 | 4.8 | 1.79 | 45.5 | 4181 | 165 |