Type G-GC Three-Conductor Flat
Portable Power Cable 2kV

» Applications .............................................................................................................

These flat parallel cables are designed for use on AC mining equipment, such as A.C. shuttle cars, drills, cutting and loading machines.

» 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).

Ground Check Conductor:
Tinned copper conductor with a yellow insulation.

Grounding Conductor:
Tinned copper conductor with an optional green outer covering.

Reinforcement:
Synthetic yarn.
**Portable Power Cables**

**Jacket:**
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: 6×OD
- Maximum Conductor Operating Temperature: +90°C

**Dimensions and Weight**

<table>
<thead>
<tr>
<th>Construction</th>
<th>No. of Strands</th>
<th>Grounding Conductor Size</th>
<th>Ground Check Conductor Size</th>
<th>Nominal Insulation Thickness</th>
<th>Nominal Jacket Thickness</th>
<th>Nominal Overall Diameter Height×Width</th>
<th>Nominal Weight</th>
<th>Ampacity</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>No. of cores×AWG/ kcmil</td>
<td>AWG/kcmil</td>
<td>AWG/kcmil</td>
<td>inch</td>
<td>millimeter</td>
<td>inch</td>
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<td>7</td>
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</table>

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