Type MP-GC Three-Conductor
Mine Power Feeder Cable, CPE Jacket, 25kV

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

These cables are designed for connections between units of mine distribution systems, suitable for installed in duct, conduit or open air and for direct burial in wet and dry locations.

» Standards ........................................................................................................................................

ICEA S-75-381/NEMA WC 58
ASTM B-8
CAN/CSA-C22.2 No.96

» Construction ....................................................................................................................................

Conductors:
Stranded annealed bare copper conductor.

Conductor Shield:
Conducting layer.

Insulation:
Ethylene Propylene Rubber (EPR).

Insulation Shield:
Conducting layer + copper tape.

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

Jacket:
Chlorinated Polyethylene (CPE), black.

Options

- Other jacket materials such as CSP/PCP/NBR/PVC/TPU are available upon request.

Mechanical and Thermal Properties

Minimum Bending Radius: 12×OD
Maximum Conductor Operating Temperature: +90℃

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</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>-</td>
<td>AWG/kcmil</td>
<td>AWG/kcmil</td>
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<td>mm</td>
<td>inch</td>
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<td>0.14</td>
<td>3.6</td>
<td>2.37</td>
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<td>8</td>
<td>0.260</td>
<td>6.4</td>
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</table>

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