Type MP-GC Three-Conductor
Mine Power Feeder Cable, CPE Jacket, 15kV

» 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: $12 \times OD$
Maximum Conductor Operating Temperature: $+90^\circ C$

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</th>
<th>Nominal Weight</th>
<th>Ampacity</th>
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Ampacity-Based on a conductor temperature of $90^\circ C$ and an ambient air temperature of $40^\circ C$, per ICEA S-75-381.