300/300 V 70°C FLEXIBLE CONDUCTOR PVC INSULATED AND SHEATH, ROUND TYPE

**CABLE STRUCTURE**

**Conductor**: Flexible annealed copper
  - Sizes 0.5 mm² up to 0.75 mm²

**Insulation**: Polyvinyl chloride (PVC/D)

**Core identification**
- 2 Cores: Blue and Brown
- 3 Cores: Brown, Black, Grey, or Blue, Brown and Green/Yellow

**Sheath**: Black polyvinyl chloride (PVC/ST5)

**TECHNICAL DATA**

**Classification**: Maximum conductor temperature 70°C
- Circuit voltage not exceeding 300/300 volts

**Rated voltage**: 300 Volts between Line to Earth
- 300 Volts between Line to Line

**Testing voltage**: 2,000 Volts

**Reference standard**: TIS 11 Part 5-2553 Table 7

**APPLICATION**

For household appliances, electrical equipment and electrical illumination.

<table>
<thead>
<tr>
<th>Number of core</th>
<th>Nominal cross sectional area (mm²)</th>
<th>Conductor type</th>
<th>Insulation thickness nominal (mm)</th>
<th>Outer sheath thickness nominal (mm)</th>
<th>Overall diameter (mm)</th>
<th>Conductor resistance at 20°C (Ω/km)</th>
<th>Insulation resistance at 70°C (MΩ·km)</th>
<th>Continuous current rating in free air at 40°C (A)</th>
<th>Cable weight approx. (kg/km)</th>
<th>Standard Length (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>0.5</td>
<td>Flexible</td>
<td>0.5</td>
<td>0.6</td>
<td>4.6</td>
<td>5.9</td>
<td>39.0</td>
<td>0.012</td>
<td>3</td>
<td>40</td>
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<tr>
<td></td>
<td>0.75</td>
<td>Flexible</td>
<td>0.5</td>
<td>0.6</td>
<td>4.9</td>
<td>6.3</td>
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