**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
- **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 cores</th>
<th>Nominal cross sectional area (mm²)</th>
<th>Conductor type</th>
<th>Insulation thickness (mm)</th>
<th>Outer sheath thickness (mm)</th>
<th>Overall diameter (mm)</th>
<th>Conductor resistance at 20°C (Ω/km)</th>
<th>Insulation resistance at 70°C (MO-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>W x H Minimum (mm) = 3.0 x 4.9</td>
<td>0.012</td>
<td>6</td>
<td>35</td>
<td>100/C</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.75</td>
<td>Flexible</td>
<td>0.5</td>
<td>0.6</td>
<td>W x H Maximum (mm) = 3.7 x 5.9</td>
<td>39.0</td>
<td>0.010</td>
<td>6</td>
<td>35</td>
<td></td>
</tr>
</tbody>
</table>