CABLE STRUCTURE

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

Insulation: Polyvinyl chloride (PVC/E)

Core identification:
- 2 Cores: Blue and Brown

Sheath: Black polyvinyl chloride (PVC/ST10)

TECHNICAL DATA

Classification: Maximum conductor temperature 90°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 11

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 nominal (mm)</th>
<th>Outer sheath thickness nominal (mm)</th>
<th>Overall diameter W x H Minimum (mm)</th>
<th>W x H Maximum (mm) (Ω/km)</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>Flexbile</td>
<td>0.5</td>
<td>0.6</td>
<td>3.0 x 4.9</td>
<td>3.7 x 5.9</td>
<td>39.0</td>
<td>0.012</td>
<td>3</td>
<td>28</td>
<td>100/C</td>
</tr>
<tr>
<td></td>
<td>0.75</td>
<td>Flexbile</td>
<td>0.5</td>
<td>0.6</td>
<td>3.2 x 5.2</td>
<td>3.8 x 6.3</td>
<td>26.0</td>
<td>0.010</td>
<td>6</td>
<td>35</td>
<td>100/C</td>
</tr>
</tbody>
</table>

C = Packing in coil