FLRYDY

Application and Description

This PVC insulated low-tension automotive cable is used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

Cable Construction:

- Copper wire spiral screen
- Copper conductor
- PVC insulation
- PVC sheath

**Conductor:** Cu-ETP1 bare according to DIN EN 13602

**Insulation:** PVC

**Screen:** Copper wire spiral shield

**Sheath:** PVC

**Standard:**

ISO 6722 Class B

**Special properties:**

Flame retardant

Flexible conductors with PVC thin wall insulation with increased mechanical strength

**Technical Parameters:**

Operating temperature: –40°C to +105°C

<table>
<thead>
<tr>
<th>Nominal cross-section</th>
<th>No. and Dia. of Wires</th>
<th>Diameter of Conductor max.</th>
<th>Electrical resistance at 20°C max.</th>
<th>Insulation</th>
<th>Diameter of core</th>
<th>Sheath wall thickness</th>
<th>Overall Diameter Min.</th>
<th>Overall Diameter Max.</th>
<th>Weight approx.</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm²</td>
<td>No./mm</td>
<td>mm</td>
<td>mΩ/m</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>mm</td>
<td>kg/km</td>
</tr>
<tr>
<td>1x0.75</td>
<td>24/0.21</td>
<td>1.2</td>
<td>24.7</td>
<td>0.3</td>
<td>1.75</td>
<td>0.3</td>
<td>2.5</td>
<td>2.7</td>
<td>20</td>
</tr>
<tr>
<td>1x1.00</td>
<td>32/0.21</td>
<td>1.35</td>
<td>18.5</td>
<td>0.3</td>
<td>1.95</td>
<td>0.3</td>
<td>2.7</td>
<td>2.9</td>
<td>23</td>
</tr>
<tr>
<td>1x1.50</td>
<td>30/0.26</td>
<td>1.7</td>
<td>12.7</td>
<td>0.3</td>
<td>2.25</td>
<td>0.3</td>
<td>3.0</td>
<td>3.2</td>
<td>29</td>
</tr>
</tbody>
</table>

Note: Other configurations, sizes, colors and length not specified herein are available upon request.