Silicon Rubber Cables
YGC-KBR 1.5 kV

Application
- Used as power and control cable for protected installations inside and outside of rail and transport vehicles, where handling and installation cost are an important factor.
- Used in control, auxiliary and main circuit wiring such as cable harnesses, switchboards and control panels, driver desks etc.

Construction
Conductor
Tinned annealed copper wires
Insulation
High tear strength silicon rubber

Electrical & Mechanical Properties
Nominal Voltage 1500V
Long-term Working Temperature 150°C
Short Circuit Temperature (5s) 300°C
Ambient Temperature -50°C/+150°C
Minimum Bending Radius 3 x Overall Diameter

Fire Performance
Flame Retardant GB/T18380.1-2001 DZ-1
Low Corrosivity (Acidity & Conductivity) GB/T17650.1-1998; GB/T17650.2-1998
Low Smoke GB/T17651.1-1998; GB/T17651.2-1998

YGC-KBR 1.5 kV

<table>
<thead>
<tr>
<th>Nominal Cross-Sectional Area</th>
<th>Stranding</th>
<th>Insulation Thickness</th>
<th>Maximum Overall Diameter</th>
<th>Weight</th>
<th>Maximum Conductor Resistance 20°C</th>
</tr>
</thead>
<tbody>
<tr>
<td>mm²</td>
<td>No/mm</td>
<td>mm</td>
<td>mm</td>
<td>kg/km</td>
<td>Ω/km</td>
</tr>
<tr>
<td>50</td>
<td>999/0.25</td>
<td>3.5</td>
<td>18.5</td>
<td>911</td>
<td>0.393</td>
</tr>
<tr>
<td>95</td>
<td>1936/0.25</td>
<td>3.5</td>
<td>22.5</td>
<td>1485</td>
<td>0.210</td>
</tr>
</tbody>
</table>

- Impact Resistant
- Highly Flexible
- UV Resistant
- Ozone Resistant
- Abrasion Resistant
- Cold-resistant
- Resistance To Soldering Heat
- Acid & Alkaline Resistant
- IRM 903 Fuel Oil Resistant
- IRM 902 Mineral Oil Resistant
- Fire Retardant NF C15-070-2.2-050
- Flame Retardant NF C15-070-2.2-050
- Low Toxity NF 470-106/NF F03-008
- Low Corrosivity NF 470-106/NF F03-008
- Low Smoke Emission NF C15-070-2.2-050
- Zero Halogen NF C15-070-2.2-050