FLR51Y-B Cable

Applications:
The FLR51Y-B cable is a reduced wall thickness PFA insulated automotive cable used for cable harnesses offering resistance to oils, fuels, breaking fluids, acids, lyes and organic media. Heat resistant.

Characteristics:
Temperature Rating:
-40°C to +250°C

Construction:
Conductor:
Plain, Tinned, Silver or Nickel plated copper (Type B)

Insulation:
PFA (Perfluoroalkoxy Alkanes)

Sheath Colour:
- Red
- Black
- Blue
- Yellow
- Grey
- Brown
- White
- Violet
- Green
- Natural

Dimensions:

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NUMBER OF CORES</th>
<th>NOMINAL CROSS SECTONAL AREA mm²</th>
<th>NOMINAL NO. AND WIRES DIAMETER No/mm</th>
<th>MAXIMUM CONDUCTOR DIAMETER mm</th>
<th>NOMINAL THICKNESS INSULATION mm</th>
<th>MINIMUM OVERALL DIAMETER mm</th>
<th>MAXIMUM OVERALL DIAMETER mm</th>
<th>NOMINAL WEIGHT kg/km</th>
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<td>1</td>
<td>0.35</td>
<td>12/0.21</td>
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<td>1.25</td>
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<td>16/0.21</td>
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<td>30/0.26</td>
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<td>3.0</td>
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</table>

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Electrical Characteristics:
Nominal Cross Sectional Area mm² | Maximum Conductor Electrical Resistance at 20 °C mΩ/m
---|-----------------------------
0.35 | 55.5
0.50 | 38.2
0.75 | 25.4
1.00 | 19.1
1.50 | 13.0
2.50 | 7.82