FLR7Y-A Cable

Eland Product Group: A2A

**APPLICATION**
The FLR7Y-A cable is a reduced wall thickness ETFE insulated low-tension automotive cable used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

**CHARACTERISTICS**
**Temperature Rating**
-45°C to +180°C

**CONSTRUCTION**
**Conductor**
Cu-ETP1 Bare Copper (Type A)

**Insulation**
ETFE (Ethylene Tetrafluoroethylene)

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

<table>
<thead>
<tr>
<th>ELAND PART NUMBER</th>
<th>NUMBER OF CORES</th>
<th>NOMINAL CROSS-SECTION</th>
<th>NOMINAL DIAMETER OF WIRES</th>
<th>MAXIMUM DIAMETER OF CONDUCTOR</th>
<th>NOMINAL ELECTRICAL RESISTANCE AT 20°C</th>
<th>NOMINAL INSULATION THICKNESS</th>
<th>NOMINAL OVERALL DIAMETER (MIN)</th>
<th>NOMINAL OVERALL DIAMETER (MAX)</th>
<th>NOMINAL WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>A2AT021000035**</td>
<td>1</td>
<td>0.35</td>
<td>7/0.23</td>
<td>0.8</td>
<td>52</td>
<td>0.20</td>
<td>1.2</td>
<td>1.3</td>
<td>5</td>
</tr>
<tr>
<td>A2AT02100005**</td>
<td>1</td>
<td>0.5</td>
<td>19/0.19</td>
<td>1.0</td>
<td>37.1</td>
<td>0.22</td>
<td>1.4</td>
<td>1.6</td>
<td>6</td>
</tr>
<tr>
<td>A2AT02100005**</td>
<td>1</td>
<td>0.75</td>
<td>19/0.23</td>
<td>1.2</td>
<td>24.7</td>
<td>0.24</td>
<td>1.7</td>
<td>1.9</td>
<td>9</td>
</tr>
<tr>
<td>A2AT02100010**</td>
<td>1</td>
<td>1.00</td>
<td>19/0.26</td>
<td>1.35</td>
<td>18.5</td>
<td>0.24</td>
<td>1.9</td>
<td>2.1</td>
<td>11</td>
</tr>
<tr>
<td>A2AT02100015**</td>
<td>1</td>
<td>1.5</td>
<td>19/0.32</td>
<td>1.7</td>
<td>12.7</td>
<td>0.24</td>
<td>2.2</td>
<td>2.4</td>
<td>17</td>
</tr>
<tr>
<td>A2AT02100025**</td>
<td>1</td>
<td>2.5</td>
<td>19/0.41</td>
<td>2.2</td>
<td>7.6</td>
<td>0.28</td>
<td>2.7</td>
<td>3.0</td>
<td>25</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>COLOUR</th>
<th>Red</th>
<th>Black</th>
<th>Blue</th>
<th>Yellow</th>
<th>Grey</th>
<th>Brown</th>
<th>White</th>
<th>Violet</th>
<th>Green</th>
<th>Natural</th>
</tr>
</thead>
<tbody>
<tr>
<td>CODE</td>
<td>RD</td>
<td>BK</td>
<td>BL</td>
<td>YW</td>
<td>GR</td>
<td>BR</td>
<td>WH</td>
<td>VI</td>
<td>GN</td>
<td>NT</td>
</tr>
</tbody>
</table>

**STANDARDS**
ISO 6722 Class E

**ISO/IEC 17025 LABORATORY TESTED**
This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.

**REGULATORY COMPLIANCE**
This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark®.