**APPLICATION**
The AXLJ-F 12/20 cable is used for fixed outdoor installation.

**CHARACTERISTICS**

- **Voltage Rating** Uo/U
  12/20 (24)kV

- **Temperature Rating**
  Maximum Operating: 90°C
  Maximum Short-Circuit: 250°C

**CONSTRUCTION**

- **Conductor**
  Threaded round waterproof aluminium

- **Conductor Screen**
  Semiconductive solid-capped XLPE (Cross-Linked Polyethylene)

- **Insulation**
  XLPE (Cross-Linked Polyethylene)

- **Screen**
  Semiconductive solid-cured XPLE

- **Watertight**
  Semiconductive tape, also serves as a diffusion barrier in long waterproof

- **Metallic Screen**
  Semi-conducting bands and copper wires with counter-spiral

- **Outer Sheath**
  UV Resistant Polyethylene (PE)

- **Sheath Colour**
  • Black

**STANDARDS**

HD 620 S2: 2010 Part 10 Section F/M

**ISO/IEC 17025 LAB TESTED**

This product is subject to the Quality Assurance protocols of The Cable Lab®, a UKAS accredited ISO 17025 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™.
## DIMENSIONS

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NO. OF CORES</th>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>NOMINAL DIAMETER OF CONDUCTOR mm</th>
<th>NOMINAL WEIGHT kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>B1K20KV01050/16</td>
<td>1</td>
<td>50/16</td>
<td>29</td>
<td>660</td>
</tr>
<tr>
<td>B1K20KV0195/25</td>
<td>1</td>
<td>95/25</td>
<td>32</td>
<td>940</td>
</tr>
<tr>
<td>B1K20KV01150/25</td>
<td>1</td>
<td>150/25</td>
<td>35</td>
<td>1140</td>
</tr>
<tr>
<td>B1K20KV01240/25</td>
<td>1</td>
<td>240/25</td>
<td>40</td>
<td>1610</td>
</tr>
<tr>
<td>B1K20KV01400/35</td>
<td>1</td>
<td>400/35</td>
<td>44</td>
<td>2080</td>
</tr>
<tr>
<td>B1K20KV01630/35</td>
<td>1</td>
<td>630/35</td>
<td>52</td>
<td>3050</td>
</tr>
<tr>
<td>B1K20KV03050/16</td>
<td>3</td>
<td>50/16</td>
<td>55</td>
<td>1840</td>
</tr>
<tr>
<td>B1K20KV0395/25</td>
<td>3</td>
<td>95/25</td>
<td>62</td>
<td>2450</td>
</tr>
<tr>
<td>B1K20KV03150/25</td>
<td>3</td>
<td>150/25</td>
<td>69</td>
<td>3300</td>
</tr>
<tr>
<td>B1K20KV03240/35</td>
<td>3</td>
<td>240/35</td>
<td>79</td>
<td>4360</td>
</tr>
</tbody>
</table>

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.