**CHARACTERISTICS**

**Voltage Rating**
- 8.7/15 (17.5) kV
- 18/30 (36) kV

**Temperature Range**
Maximum conductor operating temperature: +90°C

**CONSTRUCTION**

**Conductor**
- 8.7/15 kV: Class 1 solid Aluminium Conductor
- 18/30 kV: Class 2 Aluminium Stranded Conductor

**Inner Semi-Conductive Layer**
Semi-Conductive Material

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

**Outer Semi-Conductive Layer**
Semi-Conductive Material

**Waterblocking Tape**
Semi-conductive swellable tape

**Screen**
Copper wires and tape

**Waterblocking Tape**
Longitudinal swellable tape

**Waterblocking Tape 2**
Al/PET (Aluminium/Polyester) Radial Water Blocking

**Outer Sheath**
MDPE (Medium Density Polyethylene)

**Outer Sheath Colour**
- Red

**STANDARDS**

- NEN-HD 620 S2 - Part 10J / IEC 60502-2
- UV-protection ISO 4892/2

**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 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™.
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.

### DIMENSIONS 8.7/15 (17.5)KV

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NO. OF CORES</th>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>NOMINAL CROSS SECTIONAL AREA OF SCREEN mm²</th>
<th>NOMINAL OUTER DIAMETER mm</th>
<th>NOMINAL WEIGHT kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>C9E15KV103095RD</td>
<td>3</td>
<td>95</td>
<td>50</td>
<td>57.9</td>
<td>3.778</td>
</tr>
<tr>
<td>C9E15KV103150RD</td>
<td>3</td>
<td>150</td>
<td>70</td>
<td>64</td>
<td>4.862</td>
</tr>
</tbody>
</table>

### DIMENSIONS 18/30 (36)KV

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NO. OF CORES</th>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>NOMINAL CROSS SECTIONAL AREA OF SCREEN mm²</th>
<th>NOMINAL OUTER DIAMETER mm</th>
<th>NOMINAL WEIGHT kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>C9E30KV103050RD</td>
<td>3</td>
<td>50</td>
<td>35</td>
<td>67.4</td>
<td>4.534</td>
</tr>
</tbody>
</table>