NA2XS(FL)2Y 12/20 (24)kV Cable

Eland Product Group: A9X

APPLICATION
Medium voltage cables for distribution networks; also for connection to generation units and plant and process connection. To be laid directly in ground, outdoors, indoors and in cable ducts. The swellable tape provides additional waterblocking properties, making the cable longitudinally water tight and preventing water propagation along the cable.

CHARACTERISTICS

**Voltage Rating** Uo/U (Um)
12/20 (12)kV

**Temperature Rating**
-20°C to +90°C

**Minimum Bending Radius**
15 x overall diameter

CONSTRUCTION

**Conductor**
Class 2 stranded aluminium conductor

**Inner Semi-Conductive Layer**
Semi-conductive material

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

**Outer Semi-Conductive Layer**
Semi-conductive material

**Tape 1**
Water-swellable tape

**Screen**
Copper wires and copper tape

**Tape 2**
Aluminium foil tape tightly bonded to sheath

**Sheath**
PE (Polyethylene)

**Sheath Colour**
● Black

STANDARDS

DIN VDE 0276-620, HD 820, BS EN/IEC 60228, IEC 60502-2

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™.
## DIMENSIONS

<table>
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<tr>
<th>ELAND PART NO.</th>
<th>NO. OF CORES</th>
<th>NOMINAL CROSS SECTIONAL AREA ( \text{mm}^2 )</th>
<th>NOMINAL OVERALL DIAMETER ( \text{mm} )</th>
<th>NOMINAL WEIGHT ( \text{kg/km} )</th>
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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.