N2XS(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. For installation in ground, in water outdoors, indoors and in cable ducts for power stations, industry, and distribution networks. The water blocking tape avoids propagation inside the cable.

CONSTRUCTION
Conductor
Class 2 stranded copper conductor according to BS EN 60228 (previously BS 6360)

Inner Semi-Conductive Layer
Semi-conductive material

Insulation
XLPE (Cross-Linked Polyethylene) DIX8

Outer Semi-Conductive Layer
Semi-conductive material

Tape 1
Swellable tape

Tape 2
Aluminium foil tape tightly bonded to sheath

Screen
Copper wires and copper tape

Sheath
PE (Polyethylene) Type DMP2

CABLE STANDARDS
VDE 0276-620

The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

CHARACTERISTICS
Voltage Rating (Uo/U)(Um)
12/20 (24)kV

Test Voltage
42kV

Temperature Rating
Flexed: -20°C to +70°C

Minimum Bending Radius
15 x overall diameter

Sheath Colour
● Black
## DIMENSIONS

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NO. OF CORES</th>
<th>NOMINAL CROSS SECTIONAL AREA</th>
<th>APPROXIMATE NOMINAL OVERALL DIAMETER</th>
<th>NOMINAL WEIGHT kg/km</th>
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<tr>
<td></td>
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<td>Conductor mm²</td>
<td>Copper Wire Screen mm²</td>
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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.