

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 U_0/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 620, 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 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

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²		NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
		Conductor	Copper Wire Screen		
A9XAFL20KV1035	1	35	16	32	900
A9XAFL20KV1050	1	50	16	32	965
A9XAFL20KV1070	1	70	16	33	1060
A9XAFL20KV1095	1	95	16	35	1170
A9XAFL20KV1120	1	120	16	35	1270
A9XAFL20KV150	1	150	25	36	1475
A9XAFL20KV1185	1	185	25	37	1630
A9XAFL20KV1240	1	240	25	39	1880
A9XAFL20KV1300	1	300	25	42	2185
A9XAFL20KV1400	1	400	35	45	2585
A9XAFL20KV1500	1	500	35	48	2990
A9XAFL20KV1630	1	630	35	52	3440

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.