

NA2XS(FL)2Y 18/30 (36)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 U₀/U (Um)
18/30 (36)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, EN 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

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²		NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
		Conductor	Copper Wire Screen		
A9XAFL30KV1035	1	35	16	33	1100
A9XAFL30KV1050	1	50	16	34	1200
A9XAFL30KV1070	1	70	16	36	1360
A9XAFL30KV1095	1	95	16	37	1465
A9XAFL30KV1120	1	120	16	39	1570
A9XAFL30KV150	1	150	25	41	1820
A9XAFL30KV1185	1	185	25	42	1980
A9XAFL30KV1240	1	240	25	45	2280
A9XAFL30KV1300	1	300	25	47	2485
A9XAFL30KV1400	1	400	35	50	2985
A9XAFL30KV1500	1	500	35	54	3490

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.