

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.

CONSTRUCTION

Conductor

Class 2 stranded aluminium conductor

Inner Semi-Conductive Layer

Semi-conductive material

Insulation

XLPE (Cross-Linked Polyethylene) DIX8

Outer Semi-Conductive Layer

Semi-conductive material

Screen

Copper wires and copper tape

Tape 1

Swellable tape

Tape 2

Aluminium foil tape tightly bonded to sheath

Sheath

PE (Polyethylene) Type DMP2

CABLE STANDARDS

DIN 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 (U_o/U)(U_m)

18/30 (36)kV

Test Voltage

63kV

Temperature Rating

-20°C to +70°C

Minimum Bending Radius

15 x overall diameter

Sheath Colour

● Black

DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²		APPROXIMATE MAXIMUM OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
		Conductor	Copper Wire Screen		
A9XAF30KV1035	1	35	RM/16	33	1100
A9XAF30KV1050	1	50	RM/16	34	1200
A9XAF30KV1070	1	70	RM/16	36	1360
A9XAF30KV1095	1	95	RM/16	37	1465
A9XAF30KV1120	1	120	RM/16	39	1570
A9XAF30KV150	1	150	RM/25	41	1820
A9XAF30KV1185	1	185	RM/25	42	1980
A9XAF30KV1240	1	240	RM/25	45	2280
A9XAF30KV1300	1	300	RM/25	47	2485
A9XAF30KV1400	1	400	RM/35	50	2985
A9XAF30KV1500	1	500	RM/35	54	3490