

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.

CHARACTERISTICS

Voltage Rating U_0/U (Um)
12/20 (24)kV

Temperature Rating
Flexed: -20°C to +90°C

Minimum Bending Radius
15 x overall diameter

CONSTRUCTION

Conductor
Class 2 stranded copper 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

Outer 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		
A9XFL20KV1035	1	35	16	32	1100
A9XFL20KV1050	1	50	16	32	1255
A9XFL20KV1070	1	70	16	33	1510
A9XFL20KV1095	1	95	16	35	1765
A9XFL20KV1120	1	120	16	35	2070
A9XFL20KV1150	1	150	25	36	2320
A9XFL20KV1185	1	185	25	37	2780
A9XFL20KV1240	1	240	25	39	3380
A9XFL20KV1300	1	300	25	42	4035
A9XFL20KV1400	1	400	35	45	4985
A9XFL20KV1500	1	500	35	48	6090

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.