

## N2XS(FL)2Y - 6/10 (12)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 water propagation inside the cable.

### CHARACTERISTICS

**Voltage Rating**  $U_0/U$  (Um)  
6/10 (12)kV

**Temperature Rating**  
-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, IEC/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.



8578



FS 672069



EMS 672067



OHS 672066

### 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™.



KM 634267





## DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>		NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
		Conductor	Copper Wire Screen		
A9XFL10KV1035	1	35	16	29	870
A9XFL10KV1050	1	50	16	30	1050
A9XFL10KV1070	1	70	16	32	1300
A9XFL10KV1095	1	95	16	33	1550
A9XFL10KV1120	1	120	16	35	1800
A9XFL10KV1150	1	150	25	36	2100
A9XFL10KV1185	1	185	25	38	2450
A9XFL10KV1240	1	240	25	40	3000
A9XFL10KV1300	1	300	25	42	3650
A9XFL10KV1400	1	400	35	46	4600
A9XFL10KV1500	1	500	35	49	5600

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.