

N2XS(FL)2Y HD620 6/10 (12)kV Cable



Eland Product Group: H8D

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_o/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

Conductor Screen
Semi-conductive material

Insulation
XLPE (Cross-Linked Polyethylene)

Insulation Screen
Semi-conductive material

Longitudinal Waterblock
Swellable tape

Screen
Copper wires and copper tape

Longitudinal Waterblock
Swellable tape

Radial Waterblock
Aluminium foil tape tightly bonded to sheath

Outer Sheath
PE (Polyethylene)

Sheath Colour
● Black

STANDARDS

IEC 60502-2, DIN VDE 0276-620, HD 620, IEC/EN 60228

THE CABLE LAB[®]

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability



REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].





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		
H8D10KV01035	1	35	16	29	870
H8D10KV01050	1	50	16	30	1050
H8D10KV01070	1	70	16	32	1300
H8D10KV01095	1	95	16	33	1550
H8D10KV01120	1	120	16	35	1800
H8D10KV01150	1	150	25	36	2100
H8D10KV01185	1	185	25	38	2450
H8D10KV01240	1	240	25	40	3000
H8D10KV01300	1	300	25	42	3650
H8D10KV01400	1	400	35	46	4600
H8D10KV01500	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.