

# N2XS(FL)2Y HD620 12/20 (24)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 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

**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<sup>®</sup>

AN ISO/IEC 17025 AND IECCE 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](http://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<sup>®</sup>.





## 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		
H8D20KV01035	1	35	16	32	1100
H8D20KV01050	1	50	16	32	1255
H8D20KV01070	1	70	16	33	1510
H8D20KV01095	1	95	16	35	1765
H8D20KV01120	1	120	16	35	2070
H8D20KV01150	1	150	25	36	2320
H8D20KV01185	1	185	25	37	2780
H8D20KV01240	1	240	25	39	3380
H8D20KV01300	1	300	25	42	4035
H8D20KV01400	1	400	35	45	4985
H8D20KV01500	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.