

# NA2XS(FL)2Y HD620 12/20 (24)kV Cable



Eland Product Group: H8K

## 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.

## CHARACTERISTICS

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

**Temperature Rating**  
-20°C to +90°C

**Minimum Bending Radius**  
15 x overall diameter

## CONSTRUCTION

**Conductor**  
Class 2 stranded aluminium

**Conductor Screen**  
Semi-conductive material

**Insulation**  
XLPE (Cross-Linked Polyethylene)

**Insulation Screen**  
Semi-conductive material

**Longitudinal Waterblocking**  
Water-swellable tape

**Screen**  
Copper wires and copper tape

**Longitudinal Waterblocking**  
Water-swellable tape

**Radial Waterblocking**  
Aluminium foil tape tightly bonded to sheath

**Sheath**  
PE (Polyethylene)

**Sheath Colour**  
● Black

## STANDARDS

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

## 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](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®.





## 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		
H8K20KV01035	1	35	16	32	900
H8K20KV01050	1	50	16	32	965
H8K20KV01070	1	70	16	33	1060
H8K20KV01095	1	95	16	35	1170
H8K20KV01120	1	120	16	35	1270
H8K20KV01150	1	150	25	36	1475
H8K20KV01185	1	185	25	37	1630
H8K20KV01240	1	240	25	39	1880
H8K20KV01300	1	300	25	42	2185
H8K20KV01400	1	400	35	45	2585
H8K20KV01500	1	500	35	48	2990
H8K20KV01630	1	630	35	52	3440

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.