

NA2XS(FL)2Y HD620 6/10 (12)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 Uo/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 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





BUSINESS 1.5°C







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 mm²		NOMINAL OVERALL DIAMETER	NOMINAL WEIGHT
		Conductor	Copper Wire Screen	mm	kg/km
H8K10KV01035	1	35	16	26	650
H8K10KV01050	1	50	16	27	720
H8K10KV01070	1	70	16	28	810
H8K10KV01095	1	95	16	30	930
H8K10KV01120	1	120	16	32	1040
H8K10KV01150	1	150	25	33	1240
H8K10KV01185	1	185	25	35	1380
H8K10KV01240	1	240	25	38	1600
H8K10KV01300	1	300	25	40	1830
H8K10KV01400	1	400	35	43	2230
H8K10KV01500	1	500	35	47	2600

