



NA2XS(FL)2Y HD620 18/30 (36)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_o/U (Um)
18/30 (36)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 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



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 | | |
| H8K30KV01035 | 1 | 35 | 16 | 33 | 1100 |
| H8K30KV01050 | 1 | 50 | 16 | 34 | 1200 |
| H8K30KV01070 | 1 | 70 | 16 | 36 | 1360 |
| H8K30KV01095 | 1 | 95 | 16 | 37 | 1465 |
| H8K30KV01120 | 1 | 120 | 16 | 39 | 1570 |
| H8K30KV01150 | 1 | 150 | 25 | 41 | 1820 |
| H8K30KV01185 | 1 | 185 | 25 | 42 | 1980 |
| H8K30KV01240 | 1 | 240 | 25 | 45 | 2280 |
| H8K30KV01300 | 1 | 300 | 25 | 47 | 2485 |
| H8K30KV01400 | 1 | 400 | 35 | 50 | 2985 |
| H8K30KV01500 | 1 | 500 | 35 | 54 | 3490 |

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.