



# NA2XS2Y HD60 Aluminium Conductor XLPE PE - 18/30 (36)kV Cable



Eland Product Group: H8I

## 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.

## CHARACTERISTICS

**Voltage Rating**  $U_0/U$  (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

**Inner Semi-Conductive Layer**  
Semi-conductive material

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

**Outer Semi-Conductive Layer**  
Semi-conductive material

**Screen**  
Copper wires

**Sheath**  
PE (Polyethylene)

**Sheath Colour**  
● Black

## STANDARDS

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

## 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](https://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		
H8I30KV01050	1	50	16	38	1100
H8I30KV01070	1	70	16	40	1200
H8I30KV01095	1	95	16	41	1350
H8I30KV01120	1	120	16	43	1450
H8I30KV01150	1	150	25	44	1700
H8I30KV01185	1	185	25	46	1850
H8I30KV01240	1	240	25	48	2050
H8I30KV01300	1	300	25	51	2350
H8I30KV01400	1	400	35	54	2800

## ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>		CURRENT CARRYING CAPACITY Amps	
Conductor	Copper Wire Screen	In Ground	In Air
50	16	174	187
70	16	213	232
95	16	254	282
120	16	289	325
150	25	322	367
185	25	364	421
240	25	422	496
300	25	476	568
400	35	541	650

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.