NA2XH Cable IEC 60502-1 AL-XLPE-LSZH 0.6/1kV 25mm² to 800mm²



Description

NA2XH aluminium cables are widely used European power and auxiliary cables used for electricity supply of electrical power with a voltage rating of 600/1000V AC and 900/1800V DC. Cables can be fixed on cable trays, within conduits or fixed to walls.

Key Features

Voltage Rating
AC: 0.6/1 (1.2)kV
DC: 0.9/1.8kV

Minimum Bending Radius
Single Core 15 x Overall Diameter
Multicore 12 x Overall Diameter

Flame Retardancy
BS EN/IEC 60332-1-2
BS EN/IEC 60332-3-24

Temperature Limits
Temperature Range: -40°C to +90°C

Core Colours

1 Core - Green Yellow or Black

2 Core - Blue Brown

3 core - Blue Brown Green Yellow

4 core - Brown Black Grey Green Yellow

5 core - Blue Brown Black Grey Green Yellow

7 and more - Black with White numbers plus Green Yellow

Standards

- BS EN/IEC 60228
- IEC 60502-1
- BS EN/IEC 60332-1-2
- BS EN/IEC 60332-3-24
- Gen to VDE 0276 Part 604
- BS EN/IEC 61034-1/2
- BS EN/IEC 60754-1/2

Construction

- **Conductor**: Class 1 solid or class 2 stranded aluminium sector shaped conductor
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Outer Sheath**: Low Smoke Zero Halogen (LSZH)
- **Sheath Colour**: Black

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

Cleveland Cable Test & Training Lab
Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing.

ISO/IEC 17025 Accredited Testing Laboratory
31196

CPR
Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.

Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.

ecovadis
Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

NA2XH Cable IEC 60502-1 AL-XLPE-LSZH 0.6/1kV 25mm² to 800mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Conductor Type	Overall Diameter(mm)	Weight(Kg/Km)
NA2XHALLSZH1KV1X25	25	1	STRANDED	10.0	135
NA2XHALLSZH1KV3X16	25	3	STRANDED	16.5	365
NA2XHALLSZH1KV3X25	25	3	STRANDED	20.0	530
NA2XHALLSZH1KV4X25	25	4	STRANDED	21.7	635
NA2XHALLSZH1KV5X25	25	5	STRANDED	24.0	765
NA2XHALLSZH1KV1X35	35	1	STRANDED	11.0	165
NA2XHALLSZH1KV3X35	35	3	STRANDED	22.0	685
NA2XHALLSZH1KV3X35CL1	35	3	SOLID	19.0	485
NA2XHALLSZH1KV4X35	35	4	STRANDED	22.5	650
NA2XHALLSZH1KV4X35CL1	35	4	SOLID	21.5	625
NA2XHALLSZH1KV5X35	35	5	STRANDED	27.0	990
NA2XHALLSZH1KV1X50	50	1	STRANDED	12.5	210
NA2XHALLSZH1KV3X50	50	3	STRANDED	22.5	655
NA2XHALLSZH1KV3X50CL1	50	3	SOLID	21.5	625
NA2XHALLSZH1KV4X50	50	4	STRANDED	25.5	850
NA2XHALLSZH1KV4X50CL1	50	4	SOLID	24.5	815
NA2XHALLSZH1KV5X50	50	5	STRANDED	31.5	1310
NA2XHALLSZH1KV1X70	70	1	STRANDED	14.0	285
NA2XHALLSZH1KV3X70	70	3	STRANDED	26.4	905
NA2XHALLSZH1KV3X70CL1	70	3	SOLID	25.0	860
NA2XHALLSZH1KV4X70	70	4	STRANDED	29.8	1180
NA2XHALLSZH1KV4X70CL1	70	4	SOLID	28.7	1125
NA2XHALLSZH1KV5X70	70	5	STRANDED	35.8	1775
NA2XHALLSZH1KV1X95	95	1	STRANDED	16.0	375
NA2XHALLSZH1KV3X95	95	3	STRANDED	29.5	1175
NA2XHALLSZH1KV3X95CL1	95	3	SOLID	28.0	1115
NA2XHALLSZH1KV4X95	95	4	STRANDED	33.4	1545
NA2XHALLSZH1KV4X95CL1	95	4	SOLID	32.1	1475
NA2XHALLSZH1KV5X95	95	5	STRANDED	36.5	1895
NA2XHALLSZH1KV1X120	120	1	STRANDED	17.5	455
NA2XHALLSZH1KV3X120	120	3	STRANDED	32.5	1450
NA2XHALLSZH1KV3X120CL1	120	3	SOLID	31.0	1380

Reference	Conductor Size (mm2)	No Of Cores	Conductor Type	Overall Diameter(mm)	Weight(Kg/Km)
NA2XHALLSZH1KV4X120	120	4	STRANDED	37.3	1910
NA2XHALLSZH1KV4X120 CL1	120	4	SOLID	35.5	1825
NA2XHALLSZH1KV5X120	120	5	STRANDED	39.5	2310
NA2XHALLSZH1KV1X150	150	1	STRANDED	20.0	560
NA2XHALLSZH1KV3X150	150	3	STRANDED	36.5	1785
NA2XHALLSZH1KV3X150 CL1	150	3	SOLID	34.0	1685
NA2XHALLSZH1KV4X150	150	4	STRANDED	41.5	2330
NA2XHALLSZH1KV4X150 CL1	150	4	SOLID	39.5	2225
NA2XHALLSZH1KV5X150	150	5	STRANDED	45.5.	2865
NA2XHALLSZH1KV1X185	185	1	STRANDED	22.0	700
NA2XHALLSZH1KV3X185	185	3	STRANDED	40.2	2200
NA2XHALLSZH1KV3X185 CL1	185	3	SOLID	38.0	2095
NA2XHALLSZH1KV5X185	185	5	STRANDED	50.0	3535
NA2XHALLSZH1KV1X240	240	1	STRANDED	24.0	880
NA2XHALLSZH1KV3X240	240	3	STRANDED	45.0	2785
NA2XHALLSZH1KV3X240 CL1	240	3	SOLID	42.0	2650
NA2XHALLSZH1KV5X240	240	5	STRANDED	55.5	4485
NA2XHALLSZH1KV1X300	300	1	STRANDED	27.0	1075
NA2XHALLSZH1KV1X400	400	1	STRANDED	30.0	1350
NA2XHALLSZH1KV1X500	500	1	STRANDED	33.0	1710
NA2XHALLSZH1KV1X630	630	1	STRANDED	43.0	2715
NA2XHALLSZH1KV1X800	800	1	STRANDED	48.0	3425

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.