

NA2X2Y Cable 1.8/3kV IEC 60502-1 AL/XLPE/MDPE - 16mm² to 1000mm²



Description

NA2X2Y are Low voltage Aluminium, XLPE insulation and MDPE / HDPE sheathed power cables for distribution networks. This cable is used extensively in the renewables and datacentre sectors. NA2X2Y cable is suitable for external installation. Cables can be fixed on cable trays, within conduits or fixed to walls and is suitable for burial in ducts. The MDPE sheath is UV Resistant and water resistant to AD7.

Key Features



Voltage Rating
AC: 1.8/3 (3.6)kV
DC: 2.7/5.4 kV



Minimum Bending Radius
15 x Overall Diameter



Temperature Limits
Maximum operating temperature of conductor: +90°C
Maximum short-circuit temperature up to 5 sec: +250°C

Standards

- IEC 60502-1
- IEC 60228
- IEC/EN 60754-1/2
- UV Resistant: ISO 4892-2

Construction

- **Conductor:** Class 2 Stranded Aluminium
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Outer Sheath:** Medium Density Polyethylene (MDPE)
- **Sheath Colour:** Black

QA Lab

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. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



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

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NA2X2Y Cable 1.8/3kV IEC 60502-1 AL/XLPE/MDPE - 16mm² to 1000mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Max Overall Dia	Minimum Bending Radius	Weight(Kg/Km)
3KVNA2X2Y1X16	16	1	11.5	173	130
3KVNA2X2Y1X25	25	1	13.0	195	165
3KVNA2X2Y1X35	35	1	14.0	210	204
3KVNA2X2Y1X50	50	1	15.5	233	255
3KVNA2X2Y1X70	70	1	16.8	252	335
3KVNA2X2Y1X95	95	1	18.3	275	410
3KVNA2X2Y1X120	120	1	20.0	300	505
3KVNA2X2Y1X150	150	1	22.5	338	610
3KVNA2X2Y1X185	185	1	23.5	353	725
3KVNA2X2Y1X240	240	1	26.0	390	895
3KVNA2X2Y1X300	300	1	28.5	428	1090
3KVNA2X2Y1X400	400	1	31.0	465	1365
3KVNA2X2Y1X500	500	1	35.0	525	1695
3KVNA2X2Y1X630	630	1	39.0	585	2185
3KVNA2X2Y1X800	800	1	45.0	675	2840
3KVNA2X2Y1X1000	1000	1	52.0	780	3580

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