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 Conductor
- **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

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
3KVNA2X2Y2X70	70	2	28.0	420	770
3KVNA2X2Y3X70	70	3	26.0	390	890
3KVNA2X2Y4X70	70	4	30.5	458	1100
3KVNA2X2Y1X95	95	1	18.3	275	410
3KVNA2X2Y2X95	95	2	31.0	465	970
3KVNA2X2Y3X95	95	3	29.5	445	1100
3KVNA2X2Y4X95	95	4	33.0	495	1400
3KVNA2X2Y1X120	120	1	20.0	300	505
3KVNA2X2Y2X120	120	2	34.5	518	1225
3KVNA2X2Y3X120	120	3	32.5	488	1395
3KVNA2X2Y4X120	120	4	37.0	555	1785
3KVNA2X2Y1X150	150	1	22.5	338	610
3KVNA2X2Y2X150	150	2	40.0	600	1560
3KVNA2X2Y3X150	150	3	36.0	540	1710
3KVNA2X2Y4X150	150	4	41.5	623	2200
3KVNA2X2Y1X185	185	1	23.5	353	725
3KVNA2X2Y2X185	185	2	42.5	638	1225
3KVNA2X2Y3X185	185	3	40.0	600	2095
3KVNA2X2Y4X185	185	4	46.5	698	2740
3KVNA2X2Y1X240	240	1	26.0	390	895
3KVNA2X2Y2X240	240	2	48.0	720	1575
3KVNA2X2Y3X240	240	3	45.0	675	2660
3KVNA2X2Y4X240	240	4	52.5	788	3480
3KVNA2X2Y1X300	300	1	28.5	428	1090
3KVNA2X2Y2X300	300	2	54.0	810	1900
3KVNA2X2Y3X300	300	3	50.0	750	3270
3KVNA2X2Y4X300	300	4	58.0	870	4295
3KVNA2X2Y1X400	400	1	31.0	465	1365
3KVNA2X2Y2X400	400	2	60.0	900	3800
3KVNA2X2Y3X400	400	3	57.0	855	4300
3KVNA2X2Y4X400	400	4	66.5	998	5685
3KVNA2X2Y1X500	500	1	35.0	525	1695
3KVNA2X2Y1X630	630	1	39.0	585	2185

Reference	Conductor Size (mm2)	No Of Cores	Max Overall Dia	Minimum Bending Radius	Weight(Kg/Km)
3KVNA2X2Y1X800	800	1	45.0	675	2840
3KVNA2X2Y1X1000	1000	1	52.0	780	3580