NA2XSY 18/30 (36)kV AL, PVC Cable - 50mm² to 400mm²

Description

Medium voltage power cables with aluminium Conductor for distribution networks. This cable is used extensively in the renewables and datacentre sectors. NA2XSY 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.

Key Features

Voltage Rating
18/30 (36)kV

Minimum Bending Radius
15 x Overall Diameter

Temperature Limits
Temperature Range: -20°C to +60°C
Conductor Operating Temperature: +90°C
Short Circuit Temperature up to 5 sec: 250°C

Standards

- IEC 60332-1-2
- IEC 60502-2
- IEC 60228
- UV Resistant: ISO 4892-3
- BS EN 60332-1-2

Construction

- **Conductor**: Class 2 Stranded Aluminium Conductor
- **Conductor Screen**: Semi-Conductive material
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Insulation Screen**: Semi-conductive material (bonded)
- **Metallic Screen**: Copper Wires plus Copper tape
- **Outer Sheath**: Polyvinyl Chloride (PVC)
- **Sheath Colour**: Red

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

NA2XSY 18/30 (36)kV AL, PVC Cable - 50mm² to 400mm² - Dimensions

Reference	Conductor Size (mm2)	Nominal Conductor Diameter	Insulation Thickness (mm)	CWS(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
18/30NA2XSY1X50	50	8.4	7.4	RM/16	1.7	32.0	925
18/30NA2XSY1X70	70	10.0	7.4	RM/16	1.8	33.5	1120
18/30NA2XSY1X95	95	11.5	7.6	RM/16	1.8	35.0	1225
18/30NA2XSY1X120	120	13.0	7.6	RM/16	2.0	36.5	1335
18/30NA2XSY1X150	150	14.5	7.8	RM/25	2.0	38.0	1535
18/30NA2XSY1X185	185	16.0	7.8	RM/25	2.2	40.0	1740
18/30NA2XSY1X240	240	18.5	7.8	RM/25	2.2	43.5	1945
18/30NA2XSY1X300	300	21.0	8.0	RM/25	2.4	46.0	2300
18/30NA2XSY1X400	400	24.0	8.0	RM/35	2.5	48.5	2800
18/30NA2XSY1X500	500	26.5	8.2	RM/35	2.6	52.0	3050
18/30NA2XSY1X630	630	30.5	8.2	RM/35	2.7	56.5	3550

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