

## NA2XS(F)2Y 6/10 (12)kV Cable - 50mm<sup>2</sup> to 630mm<sup>2</sup>

### Description

Medium voltage power cables for distribution networks. This cable is used extensively in the renewables and datacentre sectors. N2XS2Y 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 cable has a UV Resistant outer sheath and a longitudinal applied water blocking layer.

### Key Features



**Voltage Rating**  
6.35/11 (12)kV



**Minimum Bending Radius**  
15 x Overall Diameter



**Flame Retardancy**  
BS EN/IEC 60332-1-2



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

### Standards

- Acid Gas Emission to IEC 60754-1, IEC 60754-2
- BS EN 60332-1-2
- UV Resistant: ISO 4892-3
- IEC 60228
- IEC 60502-2
- IEC 60332-1-2

### Construction

- **Conductor:** Class 2 Stranded Aluminium Conductor
- **Conductor Screen:** Semi-Conductive material
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Insulation Screen:** Semi-Conductive XLPE
- **Longitudinal Waterblocking:** Semi-conductive swellable tape
- **Outer Sheath:** Medium Density Polyethylene (MDPE)
- **Sheath Colour:** Red or 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.



NA2XS(F)2Y 6/10 (12)kV Cable - 50mm² to 630mm² - Dimensions

Reference	Conductor Size (mm2)	Nominal Conductor Diameter	Insulation Thickness (mm)	CWS(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
6/10NA2XSF2Y1X50	50	8.3	3.2	RM/16	1.7	23.5	600
6/10NA2XSF2Y1X70	70	9.9	3.2	RM/16	1.7	24.5	710
6/10NA2XSF2Y1X95	95	11.6	3.2	RM/16	1.8	26	820
6/10NA2XSF2Y1X120	120	12.8	3.2	RM/16	1.8	28	920
6/10NA2XSF2Y1X150	150	14.6	3.3	RM/25	1.9	29.5	1180
6/10NA2XSF2Y1X185	185	16.0	3.3	RM/25	1.9	32.0	1290
6/10NA2XSF2Y1X240	240	18.5	3.3	RM/25	2.0	33.5	1495
6/10NA2XSF2Y1X300	300	21.0	3.4	RM/25	2.1	36	1695
6/10NA2XSF2Y1X400	400	23.5	3.4	RM/35	2.2	40	2110
6/10NA2XSF2Y1X500	500	26.5	3.4	RM/35	2.3	42.5	2620
6/10NA2XSF2Y1X630	630	30.5	3.4	RM/35	2.4	46.5	3150

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