

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



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, with Nexans supplying the range. Cables can be fixed on cable trays, within conduits or fixed to walls and are suitable for burial in ducts. The cable has a UV resistant outer sheath and a longitudinally applied water blocking layer.

Key Features



Voltage Rating

6/10kV



Minimum Bending Radius

15 x Overall Diameter



Temperature Limits

Temperature Range:-20°C to +90°C

Standards

- IEC 60502-2
- VDE 0276-620

Construction

- **Conductor:** Plain stranded aluminium conductors
- **Conductor Screen:** Semi-Conductive material
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Insulation Screen:** Semi-Conductive material
- **Filler:** Semi-Conductive Material
- **Metallic Screen:** Copper Wires plus Copper tape
- **Tape:** Longitudinal Water Blocking Tape
- **Outer Sheath:** Polyethylene (PE)
- **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

ecovadis

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

Reference	Perm. Current buried / direct 20°C [A]	Perm current rating in air 30°C [A]	Max. DC Resist. Cond. 20°C [Ohm/km]	Conductor Size (mm2)	CWS(mm)	Overall Diameter(Lower)	Overall Diameter(Upper)	Weight(Kg/Km)
10NA2XSF2Y1X 50	171	183	0.641	50	16	24	29	650
10NA2XSF2Y1X 70	208	228	0.443	70	16	26	31	740
10NA2XSF2Y1X 95	248	278	0.32	95	16	26	32	845
10NA2XSF2Y1X 120	283	321	0.253	120	16	28	34	950
10NA2XSF2Y1X 150	315	364	0.206	150	16	29	35	1040
10NA2XSF2Y1X 150/25	315	364	0.206	150	25	29	35	1130
10NA2XSF2Y1X 185	357	418	0.164	185	16	31	37	1170
10NA2XSF2Y1X 185/25	357	418	0.164	185	25	31	37	1260
10NA2XSF2Y1X 240	413	494	0.125	240	25	33	39	1470
10NA2XSF2Y1X 300	466	568	0.1	300	25	36	41	1670
10NA2XSF2Y1X 400	529	660	0.0778	400	35	40	45	2080
10NA2XSF2Y1X 500	602	767	0.0605	500	35	43	48	2430
10NA2XSF2Y1X 630	690	885	0.0469	630	35	46	50	2930
10NA2XSF2Y1X 800	778	1015	0.0367	800	35	50	58	3450

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