Nexans - NA2XS(F)2Y 12/20 (24)kV Cable - 50mm² to 800mm²



Description

Medium voltage power cables with aluminium conductor for distribution networks. This cable is used extensively in the renewables and datacentre sectors. NA2XS2Y cable is suitable for external installation and is available from Nexans. Cables can be fixed on cable trays, within conduits or fixed to walls and are suitable for burial in ducts. The cable has two waterblocking layers and a UV resistant outer sheath.

Key Features

Voltage Rating
12/20 (24)kV

Minimum Bending Radius
15 x Overall Diameter

Flame Retardancy
BS EN/IEC 60332-1

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

Standards

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

Construction

- **Conductor**: Class 2 Stranded Aluminium Conductor
- **Conductor Screen**: Semi-Conductive material
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Insulation Screen**: Semi-conductive material (bonded)
- **Longditudinal Waterblocking**: Semi-conductive swellable tape
- **Screen**: Copper wires and copper tape
- **Metallic Screen**: Copper Wires plus Copper tape
- **Tape**: Longditudinal Water Blocking Tape
- **Outer Sheath**: Medium Density Polyethylene (MDPE)
- **Sheath Colour**: Red or Black

Training & Testing Lab

AN ISO/IEC 17025 ACCREDITED FACILITY

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.

ISO/IEC 17025 Accredited Testing Laboratory

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

Nexans - NA2XS(F)2Y 12/20 (24)kV Cable - 50mm² to 800mm² - Dimensions

Reference	Max. DC Resist. Cond. 20°C [Ohm/km]	Conductor Size (mm2)	No Of Cores	CWS(mm)	Overall Diameter(Lower)	Overall Diameter(Upper)	Weight(Kg/Km)
12/20NA2XS(F)2Y1 X50	0.641	50	1	16	28.0	33.0	185
12/20NA2XS(F)2Y1 X70	0.443	70	1	16	30.0	35.0	231
12/20NA2XS(F)2Y1 X95	0.32	95	1	16	31.0	36.0	280
12/20NA2XS(F)2Y1 X120	0.253	120	1	16	32.0	38.0	323
12/20NA2XS(F)2Y1 X150	0.206	150	1	25	33.0	39.0	366
12/20NA2XS(F)2Y1 X185	0.164	185	1	25	35.0	41.0	420
12/20NA2XS(F)2Y1 X240	0.125	240	1	25	38.0	44.0	496
12/20NA2XS(F)2Y1 X300	0.1	300	1	25	40.0	46.0	569
12/20NA2XS(F)2Y1 X400	0.0778	400	1	35	43.0	49.0	660
12/20NA2XS(F)2Y1 X500	0.0605	500	1	35	46.0	52.0	766
12/20NA2XS(F)2Y1 X630	0.0469	630	1	35	49.0	54.0	890
12/20NA2XS(F)2Y1 X800	0.0367	800	1	35	55.0	60.0	1020

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