

Nexans - NA2XS(FL)2Y XLPE MDPE 8.7/15 (17.5)kV Cable - 50mm² to 1000mm²



Description

Medium voltage power cables with an aluminium conductor, designed for use in electrical distribution networks. NA2XS(FL)2Y cable from Nexans is widely used across the renewable energy and data centre sectors and is suitable for external installations.

The cable can be installed on cable trays, within conduits, fixed to walls or buried in ducts. It features two longitudinal water-blocking layers and a radial water-blocking aluminium tape bonded to a UV-resistant MDPE outer sheath, providing additional protection against moisture and demanding environmental conditions.

Key Features



Voltage Rating
8.7/15 (18) kV



Minimum Bending Radius
15 x Overall Diameter



Flame Retardancy
BS EN/IEC 60332-1-2



Temperature Limits
Ambient Temperature: -20 to +70°C
Maximum conductor operating temperature: +90°C

Standards

- BS EN 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 XLPE
- **Longitudinal Waterblocking:** Swellable tapes
- **Metallic Screen:** Copper Wires plus Copper tape
- **Tape:** Longitudinal Water Blocking Tape
- **Radial Water Blocking:** Aluminium/Polyester (AL/PET) tape bonded to sheath
- **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

ecovadis

Nexans - NA2XS(FL)2Y XLPE MDPE 8.7/15 (17.5)kV Cable - 50mm² to 1000mm² - Dimensions

Reference	Conductor Size (mm2)	Nominal Conductor Diameter	Insulation Thickness (mm)	CWS(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
8/15NA2XS(FL)2Y1 X50	50	8.5	4.0	RM/16	2.0	29.0	795
8/15NA2XS(FL)2Y1 X70	70	10.0	4.0	RM/25	2.0	30.0	975
8/15NA2XS(FL)2Y1 X95	95	11.5	4.0	RM/25	2.0	32.0	1195
8/15NA2XS(FL)2Y1 X120	120	13.0	4.0	RM/50	2.0	33.5	1435
8/15NA2XS(FL)2Y1 X150	150	14.5	4.5	RM/50	2.0	35.0	1565
8/15NA2XS(FL)2Y1 X185	185	16.0	4.5	RM/50	2.0	36.5	1710
8/15NA2XS(FL)2Y1 X240	240	18.0	4.5	RM/50	2.2	38.5	1910
8/15NA2XS(FL)2Y1 X300	300	20.5	4.5	RM/50	2.2	40.5	2150
8/15NA2XS(FL)2Y1 X400	400	23.0	4.5	RM/50	2.2	43.5	2455
8/15NA2XS(FL)2Y1 X500	500	26.0	5.0	RM/50	2.4	47.0	2875
8/15NA2XS(FL)2Y1 X630	630	30.0	5.0	RM/50	2.5	51.5	3365
8/15NA2XS(FL)2Y1 X800	800	34.0	5.0	RM/50	2.6	56.0	3995
8/15NA2XS(FL)2Y1 X1000	1000	39.0	5.0	RM/50	2.8	61.0	4745

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.