N2XSY XLPE PVC 8.7/15 (17.5) kV Cable - 25mm² to 630mm²



Description

Medium voltage XLPE / PVC power cables for distribution networks. This cable is used extensively in the renewables and datacentre sectors. N2XSY 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 where there is no danger of water ingress. The cable has a UV Resistant outer sheath

Key Features

Voltage Rating
8.7/15 (18) kV

Minimum Bending Radius
15 x Overall Diameter

Oils, Greases and Chemicals Resistant
Yes

Flame Retardancy
BS EN 60332-1-2

Temperature Limits
Temperature Range: -15°C to +90°C

Standards

- IEC 60502-2
- IEC 60228
- BS EN/IEC 60332-1-2

Construction

- **Conductor**: Class 2 stranded copper conductor
- **Conductor Screen**: Semi-Conductive material
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Insulation Screen**: Semi conducting compound
- **Metallic Screen**: Copper Wires plus Copper tape
- **Separator**: Polyester Tape
- **Outer Sheath**: Polyvinyl Chloride (PVC)
- **Sheath Colour**: Red

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
31196

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

N2XSY XLPE PVC 8.7/15 (17.5) kV Cable - 25mm² to 630mm² - Dimensions

Reference	Conductor Size (mm2)	Nominal Conductor Diameter	Insulation Thickness (mm)	CWS(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
8/15N2XSY1X25	25	6.0	4.0	RM/16	1.6	22.5	650
8/15N2XSY1X35	35	7.0	4.0	RM/16	1.6	23.0	755
8/15N2XSY1X50	50	8.4	4.0	RM/16	1.7	24.0	895
8/15N2XSY1X70	70	10.0	4.0	RM/16	1.8	25.5	1100
8/15N2XSY1X95	95	11.5	4.0	RM/16	1.8	27.5	1375
8/15N2XSY1X120	120	13.0	4.5	RM/25	2.0	29.0	1635
8/15N2XSY1X150	150	15.0	4.5	RM/25	2.0	30.5	1895
8/15N2XSY1X185	185	16.5	4.5	RM/25	2.2	32.5	2270
8/15N2XSY1X240	240	18.5.	4.5	RM/25	2.2	35.0	3150
8/15N2XSY1X300	300	20.5	4.5	RM/25	2.4	38.0	3465
8/15N2XSY1X400	400	24.0	5.0	RM/35	2.5	41.0	4350
8/15N2XSY1X500	500	28.0	5.0	RM/35	2.6	45.0	5825
8/15N2XSY1X630	630	32.0	5.0	RM/35	2.7	48.0	6855

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