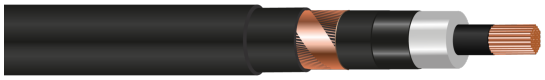
N2XS(F)2Y XLPE MDPE 8.7/15 (17.5)kV Cable - 50mm² to 800mm²



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 longditudinal applied water blocking layer

Key Features

Voltage Rating
8.7/15 (18) kV

Minimum Bending Radius
20x Overall Diameter

Temperature Limits
Maximum operating temp: 90°C
Initial temperature at S.C.C for screen: 80°C
Maximum temp during short circuit: 250°C

Standards

- IEC 60332-1-2
- IEC 60502-2
- IEC 60228
- UV Resistant: ISO 4892-3
- BS EN 60332-1-2
- VDE 0276-620
- HD 620

Construction

- **Conductor**: Class 2 stranded copper conductor
- **Conductor Screen**: Semi-Conductive material
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Longditudinal Waterblocking**: Semi-conductive swellable tape
- **Sheath**: Medium Density Polyethylene (MDPE)
- **Sheath Colour**: 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

N2XS(F)2Y XLPE MDPE 8.7/15 (17.5)kV Cable - 50mm² to 800mm² - Dimensions

Reference	Conductor Size (mm2)	Insulation Thickness (mm)	CWS(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
8/15N2XSF2Y1X50	50	4.0	RM/16	1.7	24.0	950
8/15N2XSF2Y1X70	70	4.0	RM/16	1.8	26.1	1225
8/15N2XSF2Y1X95	95	4.0	RM/16	1.9	28.0	1520
8/15N2XSF2Y1X120	120	4.0	RM/16	2.0	29.4	1795
8/15N2XSF2Y1X150	150	4.5	RM/25	2.0	31.1	2185
8/15N2XSF2Y1X185	185	4.5	RM/25	2.1	33.0	2520
8/15N2XSF2Y1X240	240	4.5	RM/25	2.1	34.6	3100
8/15N2XSF2Y1X300	300	4.5	RM/25	2.2	37.0	3725
8/15N2XSF2Y1X400	400	5.0	RM/35	2.3	41.0	3750
8/15N2XSF2Y1X500	500	5.0	RM/35	2.4	44.0	4695
8/15N2XSF2Y1X630	630	5.0	RM/35	2.5	49.0	7100
8/15N2XSF2Y1X800	800	5.0	RM/35	2.6	53	8895

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.

31196