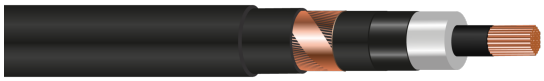
N2XS(F)2Y 12/20 (24)kV Cable - 50mm² to 630mm²



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. 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 longitudinal applied water blocking layer

Key Features

Voltage Rating
12/20 (24)kV

Minimum Bending Radius
15 x Overall Diameter

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

Standards

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

Construction

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

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 12/20 (24)kV Cable - 50mm² to 630mm² - Dimensions

Reference	Conductor Size (mm2)	CWS(mm)	Max Bending Radius (mm)	Overall Diameter(mm)	Weight(Kg/Km)
20N2XSF2Y1X50	50	RM/16	435	29	1350
20N2XSF2Y1X70	70	RM/16	465	31	1600
20N2XSF2Y1X95	95	RM/16	480	32	1900
20N2XSF2Y1X120	120	RM/16	510	34	2150
20N2XSF2Y1X150	150	RM/25	525	35	2500
20N2XSF2Y1X185	185	RM/25	555	37	2900
20N2XSF2Y1X240	240	RM/25	600	40	3500
20N2XSF2Y1X300	300	RM/25	630	42	4150
20N2XSF2Y1X400	400	RM/35	675	45	5100
20N2XSF2Y1X500	500	RM/35	720	48	6200
20N2XSF2Y1X630	630	RM/35	780	52	7365

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.