

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 longditudinal 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

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

Construction

- 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)
- Sheath Colour: Red or 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.







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

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

Reference	Conductor Size (mm2)	Nominal Conductor Diameter	Insulation Thickness (mm)	CWS(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
12/20N2XSF2Y1X5 0	50	8.3	4.5	RM/16	1.25	26.0	540
12/20N2XSF2Y1X7 0	70	9.8	4.5	RM/16	1.3	28.0	680
12/20N2XSF2Y1X9 5	95	11.5	4.5	RM/16	1.35	30.5	840
12/20N2XSF2Y1X1 20	120	12.8	4.5	RM/16	1.4	31.5	965
12/20N2XSF2Y1X1 85	185	16.0	5.0	RM/25	1.45	35.0	1295
12/20N2XSF2Y1X2 40	240	18.6	5.0	RM/25	1.5	39.0	1495
12/20N2XSF2Y1X3 00	300	20.8	5.0	RM/25	1.55	41.0	1715
12/20N2XSF2Y1X4 00	400	23.7	5.5	RM/35	1.65	43.5	2100
12/20N2XSF2Y1X1 50	450	14.5	5.0	RM/25	1.4	33.5	1125
12/20N2XSF2Y1X5 00	500	26.6	5.5	RM/35	1.75	48.5	2410
12/20N2XSF2Y1X6 30	630	30.5	5.5	RM/35	1.85	51.0	2720

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