NA2XSEH 12/20 (24)kV Cable - 35mm² to 400mm²



Description

Three core Medium voltage power cables with aluminium Conductor for distribution networks. This cable is used extensively in the renewables and datacentre sectors. NA2XSEH cable is suitable for internal or 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 Low smoke zero halogen UV Resistant outer sheath.

Key Features

Voltage Rating
12/20 (24)kV

Minimum Bending Radius
15 x Overall Diameter

Flame Retardancy
BS EN/IEC 60332-1-2

Temperature Limits
Maximum operating temperature of conductor: +90°C
Maximum short-circuit temperature up to 5 sec: +250°C

Standards

- IEC 60502-2
- IEC 60228
- IEC/EN 61034-1/2,
- BS EN/IEC 60332-1-2

Construction

- **Conductor**: Class 2 Stranded Aluminium Conductor
- **Conductor Screen**: Semi-Conductive material
- **Insulation**: Cross Linked polyethylene (XLPE)
- **Insulation Screen**: Semi conducting compound
- **Filler**: LSZH (Low Smoke Zero Halogen)
- **Metallic Screen**: Copper Wires plus Copper tape
- **Outer Sheath**: Low Smoke Zero Halogen (LSZH)
- **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

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

NA2XSEH 12/20 (24)kV Cable - 35mm² to 400mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Insulation Thickness (mm)	CWS(mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
12/20NA2XSEH3X35	35	3	6.0	RM/16	1.8	53.0	2795
12/20NA2XSEH3X50	50	3	6.0	RM/16	1.8	56.0	3050
12/20NA2XSEH3X70	70	3	6.0	RM/16	2.0	61	3610
12/20NA2XSEH3X95	95	3	6.5	RM/16	2.0	64.0	4270
12/20NA2XSEH3X120	120	3	6.5	RM/16	2.1	67.0	4625
12/20NA2XSEH3X150	150	3	6.5	RM/25	2.3	71.5	5320
12/20NA2XSEH3X185	185	3	6.5	RM/25	2.4	74.0	5875
12/20NA2XSEH3X240	240	3	6.5	RM/25	2.5	80.0	6885
12/20NA2XSEH3X300	300	3	7.0	RM/25	2.6	86.0	7895
12/20NA2XSEH3X400	400	3	7.0	RM/25	2.8	92.0	9495

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