

N1XE-AR Cable 16mm² to 50mm²



Description

Swedish standard N1XE-AR copper power cables are a low voltage power cable with a rating of 0.6/1kV primarily for use in fixed installations. N1XE-AR cables can withstand harsh environmental conditions operating in Sweden with a temperature range of -10°C to +90°C.

N1XE-AR cables are manufactured in accordance with SS 424 14 18, and designed for external use. The UV resistant Polyethylene outer sheath allows for above-ground applications but it is also suitable for installation in buried cable ducts. The cable is suitable for installation in environments where it will be under mechanical stress during both installation and usual operations.

N1XE-R/U is mainly used in power stations, industrial installation, switchgears and local mains power distribution. It can be installed in a wide range of scenarios. Internally with business and domestic premises, within cable ducts, in the open air and in water.

Key Features



Voltage Rating
600/1000 Volts



Minimum Bending Radius
12 x Overall Diameter



Temperature Limits
Operating temperature: -10°C to +90°C
Maximum Conductor temperature: +90°C

Core Colours

4 core - Brown Black Grey Green Yellow

5 core - Brown Blue Black Grey Green Yellow

Standards

- HD 603 S1
- IEC 60228

Construction

- **Conductor:** Class 2 Stranded Aluminium Conductor
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Outer Sheath:** Polyethylene (PE)
- **Sheath Colour:** Black or Yellow

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.



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.



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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

ecovadis

N1XE-AR Cable 16mm² to 50mm² - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Minimum Bending Radius	Overall Diameter(mm)	Weight(Kg/Km)
N1XEAR1KV4X16	16	4	228	19.0	325
N1XEAR1KV5X16	16	5	252	21.0	375
N1XEAR1KV4X25	25	4	276	23.0	500
N1XEAR1KV5X25	25	5	303	25.5	645
N1XEAR1KV4X50	50	4	330	27.5	750

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