

N1XE-R/U Cable 10mm² to 16mm²



Description

Swedish standard N1XE copper power cables are a low voltage power cable with a rating of 0.6/1kV primarily for use in fixed installations. They are available with black numbered cores for N1XE-U or colour-coded cores as N1XE-R.

Key Features



Voltage Rating
600/1000 Volts



Minimum Bending Radius
12 x Overall Diameter



Temperature Limits
Minimum laying temperature: -20°C
Operating temperature: -50°C to +90°C
Maximum Conductor temperature: +90°C

Core Colours

N1XE-R

4 core - Brown Black Grey Green Yellow

5 core - Brown Black Grey Green Yellow Black

N1XE-U

4 core - Black cores with White numbers

5 core - Black cores with White numbers

Standards

- SS 424 14 18
- BS EN/IEC 60228
- HD 603 S1

Construction

- **Conductor:** Class 1 solid copper conductor
Class 2 stranded copper conductor
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Inner Sheath:** Rubber Compound
- **Outer Sheath:** UV resistant Polyethylene compound (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.



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

ecovadis

N1XE-R/U Cable 10mm² to 16mm² - Dimensions

| Reference | Conductor Size (mm ²) | No Of Cores | Conductor Type | Overall Diameter(mm) | Weight(Kg/Km) |
|---------------|-----------------------------------|-------------|----------------|----------------------|---------------|
| N1XE/R1KV4X10 | 10 | 4 | SOLID | 17.5 | 585 |
| N1XE/U1KV4X10 | 10 | 4 | SOLID | 17.5 | 590 |
| N1XE/R1KV5X10 | 10 | 5 | SOLID | 19.0 | 695 |
| N1XE/U1KV5X10 | 10 | 5 | SOLID | 19.0 | 700 |
| N1XE/R1KV4X16 | 16 | 4 | STRANDED | 22.0 | 970 |
| N1XE/U1KV4X16 | 16 | 4 | STRANDED | 22.0 | 975 |
| N1XE/R1KV5X16 | 16 | 5 | STRANDED | 24.0 | 1120 |
| N1XE/U1KV5X16 | 16 | 5 | STRANDED | 24.0 | 1125 |

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