

## N1XE-R/U Cable 10mm<sup>2</sup> to 16mm<sup>2</sup>



### 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



## N1XE-R/U Cable 10mm<sup>2</sup> to 16mm<sup>2</sup> - Dimensions

Reference	Conductor Size (mm2)	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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