

N1XV-R/U Cable-10mm² to 300mm²



Description

The N1XV-R/U is a Swedish LV power cable used for local mains connections, switchgear and industrial plant power. CCCL provide N1XV-R with colour-coded cores – but the N1XV-U variant can also be supplied if required. N1XV has a wide temperature range to match the weather conditions of Sweden. The cable is designed to be used for external fixed installations and has a UV-resistant PVC outer sheath. Though N1XV is flame retardant so can also be installed internally where it meets the criteria of CPR 2017

Key Features



Voltage Rating
600/1000 Volts



Minimum Bending Radius
Single Core 15 x Overall Diameter
Multicore 12 x Overall Diameter



Flame Retardancy
BS EN/IEC 60332-1-2



Temperature Limits
Temperature Range: -30°C to +80°C

Core Colours



Standards

- HD 308 S2
- BS EN/IEC 60332-1-2
- BS EN/IEC 60228

Construction

- **Conductor:** Class 1 Solid or Class 2 Stranded Copper conductor
- **Insulation:** Cross Linked polyethylene (XLPE)
- **Outer Sheath:** Polyvinyl Chloride (PVC)
- **Sheath Colour:** 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.



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

N1XV-R/U Cable-10mm² to 300mm² - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
N1XVRXLPEPVC1KV1X10	10	1	9.0	190
N1XVRXLPEPVC1KV1X16	16	1	10.0	235
N1XVRXLPEPVC1KV4X16	16	4	22.0	1065
N1XVRXLPEPVC1KV1X25	25	1	12.0	350
N1XVRXLPEPVC1KV4X25	25	4	26.8	4585
N1XVRXLPEPVC1KV1X35	35	1	13.0	450
N1XVRXLPEPVC1KV4X35	35	4	29.5	2065
N1XVRXLPEPVC1KV1X50	50	1	14.5	575
N1XVRXLPEPVC1KV4X50	50	4	34.5	2475
N1XVRXLPEPVC1KV1X70	70	1	16.5	785
N1XVRXLPEPVC1KV4X70	70	4	38.0	3330
N1XVRXLPEPVC1KV1X95	95	1	18.3	1035
N1XVRXLPEPVC1KV4X95	95	4	43.5	4500
N1XVRXLPEPVC1KV1X120	120	1	20.0	1280
N1XVRXLPEPVC1KV4X120	120	4	46.5	5520
N1XVRXLPEPVC1KV1X150	150	1	22.0	1550
N1XVRXLPEPVC1KV4X150	150	4	48.5	6700
N1XVRXLPEPVC1KV1X185	185	1	24.3	1925
N1XVRXLPEPVC1KV4X185	185	4	50.5	7350
N1XVRXLPEPVC1KV1X240	240	1	26.8	2500
N1XVRXLPEPVC1KV4X240	240	4	55.3	9620
N1XVRXLPEPVC1KV1X300	300	1	30.0	3100

THE INFORMATION CONTAINED WITHIN THIS DATASHEET IS FOR GUIDANCE ONLY AND IS SUBJECT TO CHANGE WITHOUT NOTICE OR LIABILITY. WE BELIEVE THE INFORMATION IS CORRECT AT THE TIME OF PUBLICATION. PLEASE NOTE WHEN SELECTING CABLE ACCESSORIES THAT ACTUAL CABLE DIMENSIONS MAY VARY DUE TO MANUFACTURING TOLERANCES.