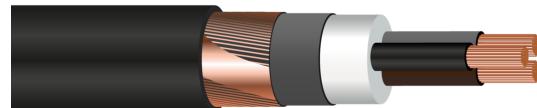


## NYCWY PVC 0.6/1kV Power Cable - 10mm<sup>2</sup> to 240mm<sup>2</sup>



## Description

NYCWY low-voltage copper power and control cable with PVC insulation and corrugated concentric conductor for mechanical protection. Suitable for indoor, outdoor, and underground installations in power stations, industrial plants, street lighting, and EV charging.

## Key Features



**Voltage Rating**  
600/1000 Volts



**Minimum Bending Radius**  
15 x Overall Diameter



**Flame Retardancy**  
BS EN/IEC 60332-1



**Temperature Limits**  
Temperature Range: -5°C to +70°C

## Core Colours

2 core - Brown Blue

3 core - Brown Black Grey

4 core - Brown Black Grey Blue

## Standards

- IEC 60502-1
- VDE 0276-603
- BS EN/IEC 60332-1-2
- BS EN/IEC 60228
- HD 603

## Construction

- **Conductor:** Class 1 round solid copper  
Class 2 round stranded copper  
Class 2 sector shaped stranded copper
- **Conductor:** Class 1 Solid or Class 2 Stranded Copper conductor
- **Insulation:** Polyvinyl Chloride (PVC)
- **Bedding:** Polyvinyl Chloride (PVC)
- **Concentric Conductor:** Copper wires with helical equalising copper tape
- **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



UK and Ireland Sales [sales@clevelandcable.com](mailto:sales@clevelandcable.com) | International Sales [international@clevelandcable.com](mailto:international@clevelandcable.com) | UK 01642 241 133

Specification Data Sheet | Page 2 of 3



CENELEC



## NYCWY PVC 0.6/1kV Power Cable - 10mm<sup>2</sup> to 240mm<sup>2</sup> - Dimensions

Reference	Conductor Size (mm <sup>2</sup> )	No Of Cores	Insulation Thickness (mm)	Sheath Thickness (mm)	Overall Diameter(mm)	Weight(Kg/Km)
NYCWY1KV2X10	10	2	1.0	1.8	19.0	615
NYCWY1KV3X10	10	3	1.0	1.8	19.5	775
NYCWY1KV4X10	10	4	1.0	1.8	20.4	875
NYCWY1KV2X16	16	2	1.0	1.8	20.5	850
NYCWY1KV3X16	16	3	1.0	1.8	21.5	1095
NYCWY1KV4X16	16	4	1.0	1.8	24.0	1400
NYCWY1KV2X25	25	2	1.0	1.8	24.5	1300
NYCWY1KV3X25	25	3	1.0	1.9	25.5	1600
NYCWY1KV4X25	25	4	1.0	1.9	31.0	1995
NYCWY1KV3X35	35	3	1.1	2.0	27.5	1850
NYCWY1KV4X35	35	4	1.0	2.0	34.0	2250
NYCWY1KV3X50	50	3	1.2	2.1	29.0	2400
NYCWY1KV4X50	50	4	1.0	2.1	37.0	2900
NYCWY1KV3X70	70	3	1.4	2.2	33.0	2900
NYCWY1KV4X70	70	4	1.4	2.2	41.5	3900
NYCWY1KV3X95	95	3	1.5	2.2	38.0	4500
NYCWY1KV4X95	95	4	1.5	2.2	47.5	5170
NYCWY1KV3X120	120	3	1.6	2.3	43.0	5000
NYCWY1KV4X120	120	4	1.6	2.3	51.0	6525
NYCWY1KV3X150	150	3	1.8	2.4	53.5	7700
NYCWY1KV4X150	150	4	1.8	2.4	58.0	7875
NYCWY1KV3X185	185	3	2.0	2.5	55.0	8700
NYCWY1KV4X185	185	4	2.0	2.5	61.0	9550
NYCWY1KV3X240	240	3	2.0	2.5	63.0	10300
NYCWY1KV4X240	240	4	2.0	2.5	68.0	11895

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.

