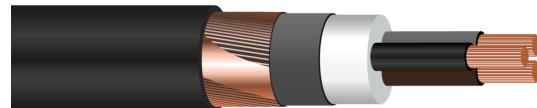


NYCWY PVC 0.6/1kV Power Cable - 10mm² to 240mm²



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



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CENELEC



NYCWY PVC 0.6/1kV Power Cable - 10mm² to 240mm² - Dimensions

| Reference | Conductor Size (mm ²) | 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 |

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