

## NAYCWY Cable - 16mm<sup>2</sup> to 240mm<sup>2</sup>



### Description

NAYCWY Aluminium Power & Control Cable | 0.6/1kV | PVC EPDM

### Key Features



**Voltage Rating**  
600/1000 Volts



**Minimum Bending Radius**  
12 x Overall Diameter



**Flame Retardancy**  
BS EN/IEC 60332-1-2



**Temperature Limits**  
Fixed: -40°C to +70°C  
Flexed: -5°C to +50°C  
Conductor operating temperature: +70°C  
Short circuit temperature: +160°C

### Core Colours

2 core- Blue Brown

3 core- Brown Black Grey

4 core- Blue Brown Black Grey

### Standards

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

### Construction

- **Conductor:** Class 1 solid or class 2 stranded aluminium sector shaped conductor
- **Insulation:** Polyvinyl Chloride (PVC)
- **Bedding:** Ethylene Propylene Diene Monomer (EPDM)
- **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



## NAYCWY Cable - 16mm<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)
NAYCWY1KV2X16	16	2	1.0	1.8	20.0	585
NAYCWY1KV3X16	16	3	1.0	1.8	21.0	645
NAYCWY1KV4X16	16	4	1.0	1.8	23.0	745
NAYCWY1KV3X25	25	3	1.1	1.8	23.0	760
NAYCWY1KV4X25	25	4	1.1	1.8	27.0	1075
NAYCWY1KV3X35	35	3	1.2	1.9	27.0	885
NAYCWY1KV4X35	35	4	1.2	1.9	29.0	1255
NAYCWY1KV3X50	50	3	1.4	1.9	28.0	1315
NAYCWY1KV4X50	50	4	1.4	2.0	31.0	1595
NAYCWY1KV3X70	70	3	1.4	2.0	33.0	1775
NAYCWY1KV4X70	70	4	1.4	2.0	37.0	2150
NAYCWY1KV3X95	95	3	1.6	2.2	37.0	2325
NAYCWY1KV4X95	95	4	1.4	2.0	41.0	2595
NAYCWY1KV3X120	120	3	1.6	2.0	41.0	2785
NAYCWY1KV4X120	120	4	1.6	2.2	46.0	3260
NAYCWY1KV3X150	150	3	1.8	2.4	45.0	3515
NAYCWY1KV4X150	150	4	1.8	2.6	50.0	3995
NAYCWY1KV3X185	185	3	2.0	2.6	50.0	4325
NAYCWY1KV4X185	185	4	2.0	2.8	55.0	4850
NAYCWY1KV3X240	240	3	2.2	2.8	56.0	4785
NAYCWY1KV4X240	240	4	2.2	3.0	62.0	6250

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.

