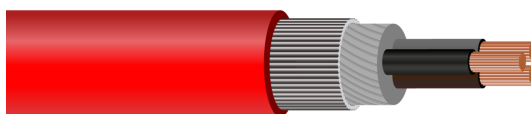


## NYFGY 3.6/6kV Cable



### Description

NYFGY cables are Medium Voltage cables manufactured to DIN VDE 0271 with copper conductors, PVC insulation and inner sheath, flat steel wire armour and PVC outer sheath. NYFGY cable are specified for a range of fixed applications for power distribution within colder operating environments in power plants and heavy industrial settings.

NYFGY has an operating temperature range of -5°C to +70°C, due to having PVC insulation. NYFGY cable is specified where there is potentially a high risk of mechanical damage, where critical power must be maintained in power distribution systems. The cable can be installed internally and external and is suitable for direct burial due to the flat steel wire armour which offers mechanical protection.

### Key Features



**Voltage Rating**  
3.6/6 (7.2kV)



**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

Brown, Black and Grey

### Standards

- BS EN/IEC 60228
- VDE 0271
- BS EN/IEC 60332-1

### Construction

- **Conductor:** Class 2 stranded copper conductor
- **Insulation:** Polyvinyl Chloride (PVC)
- **Bedding:** Polyvinyl Chloride (PVC)
- **Inner Sheath:** Polyvinyl Chloride (PVC)
- **Armour:** Galvanised Steel Wire Armour (SWA)
- **Outer Sheath:** Polyvinyl Chloride (PVC)
- **Sheath Colour:** Red

### 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

NYFGY 3.6/6kV Cable - Dimensions

Reference	Conductor Size (mm2)	No Of Cores	Minimum Bending Radius	Overall Diameter(mm)	Weight(Kg/Km)
NYFGYPVC6kV3X35	35	3	570	38.0	2460
NYFGYPVC6kV3X50	50	3	600	40.0	2110
NYFGYPVC6kV3X70	70	3	653	43.5	3715
NYFGYPVC6kV3X95	95	3	675	45.0	4620
NYFGYPVC6kV3X120	120	3	720	48.0	5465
NYFGYPVC6kV3X150	150	3	900	60	7325
NYFGYPVC6kV3X185	185	3	930	62	7575
NYFGYPVC6kV3X240	240	3	975	65.0	9665

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.