

NTSCGEWÖW 6kV Torsion Power Cable



Description

Medium voltage cable available in single and three cores suitable for applications under torsional stresses, for energy transmission and loop applications. Due to their make up they are ideal for supplying power from transformers in a wind turbine to the nacelle at the bottom of the tower. The insulation and outer sheath means the cable has a high resistance to Ozone, UV and oil. They are a durable cable able to adapt to large changes in ambient temperature

Key Features



Torsion Resistance
 $\pm 100^\circ/\text{m}$



Voltage Rating
3.6/6kV



Minimum Bending Radius
10 x Overall Diameter



Temperature Limits
Temperature Range: -40°C to +90°C

Standards

- DIN VDE 0295 / IEC 60228
- DIN VDE 0250-813

Construction

- **Conductor:** Stranded tinned copper wires
- **Insulation:** Ethylene Propylene Rubber (EPR)
- **Outer Sheath:** ChloroPolyethylene/Polychloroprene (CM/CR)
- **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

NTSCGEWÖW 6kV Torsion Power Cable - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
6KVNTSCGEWÖW3X35	35	3	61.3	5725
6KVNTSCGEWÖW3X50	50	3	69.5	6600
6KVNTSCGEWÖW3X70	70	3	73.5	7900
6KVNTSCGEWÖW1X240	240	1	43.0	3130
6KVNTSCGEWÖW1X300	300	1	45.0	3830

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