

S-3GSHCÖU 0.6/1kV Cable



Description

S-3GSHCÖU is a single core copper cable with rubber insulation which is extensively used in the renewable energy sector in wind turbines. The cable is manufactured to withstand medium mechanical stress. The CPE outer sheath provides low water absorption and high resistance to ozone and weathering making it ideal for outdoor use in wind turbines.

Key Features



Voltage Rating
600/1000 Volts



Minimum Bending Radius
Fixed: 6 x overall diameter
Flexing: 10 x overall diameter



Flame Retardancy
BS EN/IEC 60332-1



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

Standards

- BS EN/IEC 60228
- UL-758
- DIN VDE 0250
- BS EN/IEC 61034
- BS EN/IEC 60754

Construction

- **Conductor:** Class 5 flexible, stranded copper
- **Insulation:** Rubber Compound
- **Armour:** Tinned copper wire braid (TCWB)
- **Outer Sheath:** Chlorinated Polyethylene (CPE)
- **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

S-3GSHCÖU 0.6/1kV Cable - Dimensions

Reference	Conductor Size (mm ²)	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
S3GSHCOU1X95	95	1	23.5	1130
S3GSHCOU1X120	120	1	26.0	1615
S3GSHCOU1X150	150	1	29.5	1995
S3GSHCOU1X185	185	1	31.0	2350
S3GSHCOU1X240	240	1	35.0	2965

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.