

# S-3GSHCÖU 0.6/1kV Cable



Eland Product Group: B9I

## APPLICATION

S-3GSHCÖU power cables designed for use under medium mechanical stress in wind turbines.

## CHARACTERISTICS

**Rated Voltage U<sub>0</sub>/U**  
0.6/1kV

**Temperature Rating**  
-40°C +90°C

**Minimum Bending Radius**  
Fixed: 6x Overall Diameter  
Flexed: 10x Overall Diameter

## CONSTRUCTION

**Conductor**  
Class 5 Stranded Bare Copper

**Insulation**  
Rubber compound

**Screen**  
TCWB (Tinned copper wire braid)

**Outer Sheath**  
CPE (Chlorinated Polyethylene)

**Sheath Colour**  
● Black

## DIMENSIONS

| ELAND PART NUMBER | NUMBER CORES | NOMINAL CROSS SECTIONAL AREA SIZE mm <sup>2</sup> | NOMINAL OVERALL DIAMETER mm | NOMINAL WEIGHT kg/km |
|-------------------|--------------|---|-----------------------------|----------------------|
| B9I01095BK        | 1            | 95  | 23.0                        | 1120                 |
| B9I01120BK        | 1            | 120   | 26.0                        | 1607                 |
| B9I01185BK        | 1            | 185   | 30.5                        | 2341                 |
| B9I01240BK        | 1            | 240   | 34.0                        | 2953                 |

## STANDARDS

UL 758, DIN VDE 0250, IEC 60228/DIN EN 60228, IEC 60332-1

## ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



8578



FS 672069



EMS 672067



OHS 672066

## REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.



KM 634267

