

# NTSCGEWÖW 6kV Torsion Power Cable



Eland Product Group: A9K

## APPLICATION

Medium voltage cable available in single and multicore suitable for applications under torsional stresses, for energy transmission and loop applications. Oil, ozone and UV resistant.

## CHARACTERISTICS

**Rated Voltage U<sub>0</sub>/U**  
3.6/6kV

**Temperature Rating**  
-40°C +90°C

**Minimum Bending Radius**  
10x Overall Diameter

**Torsion Application**  
±100°/m

## CONSTRUCTION

**Conductor**  
Stranded Tinned Copper Wires

**Insulation**  
Special EPR (Ethylene Propylene Rubber)

**Outer Sheath**  
CM/CR (ChloroPolyethylene / Polychloroprene)

**Sheath Colour**  
● Black

## DIMENSIONS

| ELAND PART NUMBER | NUMBER OF CORES | NOMINAL CROSS SECTIONAL AREA SIZE mm <sup>2</sup> | NOMINAL OVERALL DIAMETER mm | NOMINAL WEIGHT kg/km |
|-------------------|-----------------|---|-----------------------------|----------------------|
| A9K03035/35BK     | 1               | 240   | 42.8                        | 3100                 |
| A9K03050/50BK     | 1               | 300   | 44.9                        | 3800                 |
| A9K03070/70BK     | 3               | 35/35   | 61.0                        | 5723                 |
| A9K03095/95BK     | 3               | 50/50   | 69.0                        | 6596                 |
| A9K01240BK        | 3               | 70/70   | 73.0                        | 7881                 |
| A9K01300BK        | 3               | 35/95   | 80.0                        | 10612                |

## STANDARDS

DIN VDE 0250-813, DIN VDE 0295

## THE CABLE LAB<sup>®</sup>

AN ISO/IEC 17025 AND IECCE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



## SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: [www.elandcables.com/company/about-us/esg-sustainability](http://www.elandcables.com/company/about-us/esg-sustainability)



## REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/85/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab<sup>®</sup>.

