

# 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
3+=" "% " !% 4=	1	240	42.8	3100
3+=" "% ' " !' " 4=	1	300	44.9	3800
3+=" "% ) " ! ) " 4=	3	35/35	61.0	5723
3+=" "% + ' ! + ' 4=	3	50/50	69.0	6596
3+=" "# \$&" 4=	3	70/70	73.0	7881
3+=" "# % " 4=	3	35/95	80.0	10612

## STANDARDS

DIN VDE 0250-813, DIN VDE 0295

## 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.



## 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™.

