

SANS Type 61A Cable



Eland Product Group: B6H

APPLICATION

Connection for portable electrical equipment and machinery, including those used in hazardous areas, for reeling / nonreeling applications.

CHARACTERISTICS

Voltage Rating Uo/U
640/1100V

Temperature Rating
-25°C to +90°C

Minimum Bending Radius
6 x Overall Diameter

CONSTRUCTION

Conductor

Class 5 flexible stranded tinned annealed Copper

Insulation

EPR (Ethylene Propylene Rubber) thermosetting compound

Braid

Nylon /Tinned copper wires

Pilot Core

Lay

Three tinned copper/nylon braid screened power cores and one unscreened pilot core laid up in the right hand lay around rubber (RD1) filler centre

Inner Sheath

CR (Polychloroprene Rubber)

Reinforcement braid

Open nylon braid - minimum 16 strings

Outer Sheath

TPU (Thermoplastic Polyurethane)

Sheath Colour

- Black or
● Transparent with ● orange ● silver reflective tape under

STANDARDS

SANS 1520-1, SANS 1411-1, SANS 1411-3, ICEA S-75-381
Tab. 3-3

UV resistant
Ozone resistant
Sunlight resistant
Oil resistant

THE CABLE LAB[®]

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



SCIENCE
BASED
TARGETS

**BUSINESS
AMBIITION FOR 1.5°C**



REGULATORY COMPLIANCE

This cable meets the requirements of the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab[®].



DIMENSIONS

ELAND PART NO.	POWER CORES					PILOT CORES CORES			MAXIMUM TENSION kN	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
	CONDUCTOR SIZE mm ²	MAXIMUM WIRE DIAMETER mm	CONDUCTOR DIAMETER mm	MAXIMUM SCREEN WIRE DIAMETER mm	SCREEN CROSS-SECTION mm ²	CONDUCTOR SIZE mm ²	MAXIMUM WIRE DIAMETER mm	CONDUCTOR DIAMETER mm			
B6H3095/3016	95	0.51	13.5	0.31	43	16	0.41	5.3	4.3	59.1	6340