

## 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<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)



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<sup>®</sup>.



### DIMENSIONS

ELAND PART NO.	POWER CORES					PILOT CORES CORES			MAXIMUM TENSION kN	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
	CONDUCTOR SIZE mm <sup>2</sup>	MAXIMUM WIRE DIAMETER mm	CONDUCTOR DIAMETER mm	MAXIMUM SCREEN WIRE DIAMETER mm	SCREEN CROSS-SECTION mm <sup>2</sup>	CONDUCTOR SIZE mm <sup>2</sup>	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