



Eland Product Group: A5Y

APPLICATION

The Socapex[®] control cable is a highly flexible multicore cable for use in the connection of lighting technology and dimmer racks. The cable may be used in dry, damp and wet interiors under medium mechanical stress and for external use with UV protection. It is suitable for flexible and fixed applications.

CHARACTERISTICS

Voltage Rating Uo/U
300/500V

Temperature Rating
Fixed: -40°C to +80°C
Flexed: -5°C to +70°C

Minimum Bending Radius
Fixed: 4 x overall diameter
Flexed: 15 x overall diameter

CONSTRUCTION

Conductor
Class 5 flexible copper conductor

Insulation
PVC (Polyvinyl Chloride)

Sheath
PVC (Polyvinyl Chloride)

Core Identification
● Black numbered cores + ● Green/Yellow

Sheath Colour
● Black

DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A5Y18015	18	1.5	14.5	432
A5Y18025	18	2.5	17.9	692

CONDUCTORS

NOMINAL CROSS SECTIONAL AREA mm ²	MAXIMUM DIAMETER OF WIRES IN CONDUCTOR mm	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
1.5	0.26	13.3
2.5	0.26	7.98

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.

STANDARDS

DIN VDE 0472 Part 804, DIN EN 50290-2, VDE 0819-102, VDE 0207

Flame Retardant according to IEC/EN60332-1-2

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[™].

