

Curly Flex PVC Cable



Eland Product Group: A2C

APPLICATION

For use in domestic appliances, ceiling to display or cash desk equipment and indoor lighting features.

CHARACTERISTICS

Voltage Rating (U_o/U)
300/500V

Temperature Rating
Flexed: -5°C to +60°C

CONSTRUCTION

Conductor
Class 5 flexible copper conductor

Insulation
PVC (Polyvinyl Chloride) Type T12

Sheath
PVC (Polyvinyl Chloride) Type TM2

Core Identification
3 core: ● Green/Yellow ● Blue ● Brown
4 core: ● Green/Yellow ● Brown ● Black ● Grey
5 core: ● Green/Yellow ● Blue ● Brown ● Black ● Grey

Sheath Colour
● Black

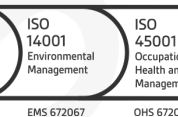
STANDARDS

EN 60228

Flame Retardant according to IEC/EN 60332-1-2

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 is compliant with European Regulation EN 50575, the Construction Products Regulation.



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™.





DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	UNEXTENDED LENGTH mm	EXTENDED LENGTH mm	NOMINAL OVERALL DIAMETER mm	NOMINAL SPIRAL OVERALL DIAMETER mm
A2C30075TPR1-5	3	0.75	1000	5000	9.5	35
A2C3010TPR1-5	3	1	1000	5000	9.5	35
A2C3015TPR1-5	3	1.5	1000	5000	10	36
A2C3025TPR1-5	3	2.5	1000	5000	11.5	42
A2C40075TPR1-5	4	0.75	1000	5000	9.5	35
A2C4010TPR1-5	4	1	1000	5000	9.5	35
A2C4015TPR1-5	4	1.5	1000	5000	11.5	42
A2C4025TPR1-5	4	2.5	1000	5000	12.5	47
A2C50075TPR1-5	5	0.75	1000	5000	10.5	37
A2C5015TPR1-5	5	1.5	1000	5000	13	51
A2C5025TPR1-5	5	2.5	1000	5000	14	53

CONDUCTORS

Class 5 Flexible Copper Conductors for Single Core and Multi Core Cables

NOMINAL CROSS SECTIONAL AREA mm ²	MAXIMUM DIAMETER OF WIRES IN CONDUCTOR mm	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km
		Plain Wires
0.75	0.21	26
1	0.21	19.5
1.5	0.26	13.3
2.5	0.26	7.98

The above table is in accordance with EN 60228

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.