



FLRY B Cable



Eland Product Group: A2A

APPLICATION

Low-tension electric wire for Automobiles. Used in Motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits. Flame retardant. Highly resistant against acids, lyes, Petrol and diesel. Flexible conductors with thin wall insulation.

CHARACTERISTICS

Test Voltage

3kv i.e < 0.5mm²
5kv i.e > 0.5mm²

Temperature Rating

Fixed: -40°C to +105°C

CONSTRUCTION

Conductor

Flexible copper conductor, plain or tinned (concentric lay)

Insulation

PVC (Polyvinyl Chloride) (thin wall)

Sheath Colour

● Black ● Blue ● Orange ● Red ○ White

STANDARDS

DIN 72551-6, BMW GS 95007-1, Ford WSK 1A2348-A2, FIAT 91107/13

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™.





DIMENSIONS

ELAND PART NO.	NOMINAL CROSS SECTIONAL AREA mm ²	NO. OF STRANDS	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A2AFLRYB00035**	0.35	12	1.4	4.6
A2AFLRYB00005**	0.5	16	1.6	6.4
A2AFLRYB00075**	0.75	24	1.9	9.3
A2AFLRYB0010**	1	32	2.1	11.9
A2AFLRYB0015**	1.5	30	2.4	17
A2AFLRYB0020**	2	30	2.73	22.2
A2AFLRYB0025**	2.5	50	3	26.7
A2AFLRYB0030**	3	45	3.2	32
A2AFLRYB0040**	4	56	3.7	43.2
A2AFLRYB0060**	6	84	4.3	62.7
A2AFLRYB010**	10	80	6	104.4
A2AFLRYB016**	16	126	7.9	163.1
A2AFLRYB025**	25	196	9.4	248.7

** Eland Part No. shown above designate the sheath colour (*). For each colour substitute * for a colour code as listed below. e.g. A2AFLRYB00035BK=0.35mm² Black

DIMENSIONS

NOMINAL CROSS SECTIONAL AREA mm ²	MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C ohms/km	CURRENT CARRYING CAPACITY amps
0.35	52	9
0.5	37.1	12
0.75	24.7	16
1	18.5	19
1.5	12.7	22
2	9.31	25
2.5	7.6	30
3	6.21	31
4	4.7	41
6	3.1	53
10	1.82	68
16	1.16	96
25	0.743	132

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.