



FLYOY Cable



Eland Product Group: A2A

APPLICATION

The FLYOY cable is a PVC insulated and sheathed low-tension automotive cable used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

CHARACTERISTICS

Temperature Rating

-40°C to +105°C

CONSTRUCTION

Conductor

Bare Copper ETP1

Insulation

PVC (Polyvinyl Chloride)

Outer Sheath

PVC (Polyvinyl Chloride) lead free

Sheath Colour

● Red ● Black ● Blue ● Yellow ● Grey ● Brown ○ White
● Violet ● Green ● Natural

DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL NO. AND WIRES DIAMETER No/mm	MAXIMUM CONDUCTOR DIAMETER mm	NOMINAL THICKNESS INSULATION mm	OUTER SHEATH THICKNESS mm	MINIMUM OVERALL DIAMETER mm	MAXIMUM OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A2AT0340040**	1	4	56/0.31	2.75	0.8	2.0	8.0	8.4	123
A2AT0340060**	1	6	84/0.31	3.3	0.8	2.0	8.6	9.0	149
A2AT034010**	1	10	80/0.41	4.5	1.0	3.0	12.2	12.8	267
A2AT034016**	1	16	126/0.41	6.3	1.0	2.0	11.5	12.1	279
A2AT034050**	1	50	396/0.41	10.5	0.8	1.4	14.5	15.1	587
A2AT034050A**	1	50	1600/0.21	10.9	0.8	1.4	14.5	15.1	592
A2AT034070**	1	70	2200/0.21	13.3	1.0	1.6	17.5	18.3	870

STANDARDS

ISO 6722 Class B

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™.





ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm ²	MAXIMUM CONDUCTOR ELECTRICAL RESISTANCE AT 20 °C mΩ/m
4	4.7
6	3.1
10	1.82
16	1.16
50	0.368
50	0.386
70	0.272

COLOUR	Red	Black	Blue	Yellow	Grey	Brown	White	Violet	Green	Natural				
CODE	RD	BK	BL	YW	GR	BR	WH	VI	GN	NT				