

FLRYWK Cable



Eland Product Group: A2A

APPLICATION

The FLYWK cable is a reduced wall thickness PVC insulated low-tension automotive cable used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits. Heat and cold resistant.

CHARACTERISTICS

Temperature Rating

-50°C to +105°C

CONSTRUCTION

Conductor

Bare Copper ETP1

Insulation

PVC (Polyvinyl Chloride)

Outer Sheath

Plasticized PVC (Polyvinyl Chloride) heat and cold resistant

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	MINIMUM OVERALL DIAMETER mm	MAXIMUM OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A2AT00500005**	1	0.5	16/0.20	1.0	0.28	1.4	1.6	6
A2AT0050010**	1	1.00	32/0.20	1.4	0.3	1.8	2.1	57
A2AT0050015**	1	1.50	30/0.25	1.7	0.3	2.2	2.4	111

ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm ²	MAXIMUM CONDUCTOR ELECTRICAL RESISTANCE AT 20 °C mΩ/m
0.5	37.1
1.00	18.5
1.50	12.7

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

STANDARDS

DIN EN 13602, 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™.

