ELAND® CABLES

FL11Y Cable

Eland Product Group: A2A

APPLICATION

The FL11Y cable is a TPE insulated 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 +110°C

CONSTRUCTION

Conductor
Bare Copper ETP1

Insulation
TPE-U (Thermoplastic Elastomer)

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

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.

UKAS ISO/IEC 17025 Testing laboratory accreditation 8578 | bsi. ISO 9001 Quality Management FS 672069 | ISO 14001 Environmental Management EMS 672067 | ISO 45001 Occupational Health and Safety Management OHS 672066

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™.

bsi. RoHS Trusted KITEMARK™ KM 634267 | RoHS | CE

DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm²	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
A2AT0360060**	1	6	84/0.31	3.3	0.8	4.6	5.0	73
A2AT036010**	1	10	80/0.41	4.5	1.0	6.0	6.5	120
A2AT036016**	1	16	126/0.41	6.3	1.0	7.0	8.1	177
A2AT036025**	1	25	196/0.41	7.8	1.3	8.7	10.2	275
A2AT036035**	1	35	276/0.41	9.0	1.3	10.0	10.7	373
A2AT036050**	1	50	400/0.41	10.5	1.5	11.9	13.0	541
A2AT036070**	1	70	560/0.41	12.5	1.5	14.0	15.0	734
A2AT036095**	1	95	740/0.41	14.8	1.6	15.4	16.2	956
A2AT036120**	1	120	960/0.41	16.5	1.6	18.7	19.7	1218

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

ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm²	MAXIMUM CONDUCTOR ELECTRICAL RESISTANCE AT 20 °C mΩ/m
6	3.1
10	1.82
16	1.16
25	0.74
35	0.53
50	0.37
70	0.30
95	0.20
120	0.15

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