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

THE CABLE LAB®

AN ISO/IEC 17025 AND IECEE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.

SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: www.elandcables.com/company/about-us/esg-sustainability

REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed byThe Cable Lab®.

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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