

# FLR13Y-A Cable



Eland Product Group: A2A

## APPLICATION

The FLR13Y-A is a reduced wall thickness 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 +150°C

## CONSTRUCTION

### Conductor

Bare Copper ETP1 (Type A)

### Insulation

TPE-E (Thermoplastic Elastomer)

### Sheath Colour

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

## STANDARDS

DIN EN 13602, ISO 6722 Class D

## 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.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	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
A2AT027000022**	1	0.22	7/0.21	0.7	0.2	1.1	1.2	3
A2AT027000035**	1	0.35	7/0.26	0.8	0.2	1.2	1.6	5
A2AT02700005**	1	0.5	19/0.19	1.0	0.22	1.4	1.6	6
A2AT02700075**	1	0.75	19/0.23	1.2	0.24	1.7	1.9	9
A2AT0270010**	1	1	19/0.26	1.35	0.24	1.9	2.1	11
A2AT0270015**	1	1.5	19/0.32	1.7	0.24	2.2	2.4	17
A2AT0270020**	1	2	19/0.37	2.0	0.28	2.5	2.8	21
A2AT0270025**	1	2.5	19/0.41	2.2	0.28	2.7	3.0	26



## ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	MAXIMUM CONDUCTOR ELECTRICAL RESISTANCE AT 20 °C mΩ/m
0.22	84.8
0.35	52
0.5	37.1
0.75	24.7
1	18.5
1.5	12.7
2	9.42
2.5	7.6

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