

## FLR13Y-B 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
A2AT028000035**	1	0.35	12/0.21	0.9	0.20	1.2	1.4	5
A2AT02800005**	1	0.5	16/0.21	1.0	0.22	1.4	1.6	6
A2AT02800075**	1	0.75	24/0.21	1.2	0.24	1.7	1.9	9
A2AT0280010**	1	1	32/0.21	1.35	0.24	1.9	2.1	12
A2AT0280015**	1	1.5	30/0.26	1.7	0.24	2.2	2.4	16
A2AT0280020**	1	2	30/0.31	2.0	0.28	2.5	2.8	23
A2AT0280025**	1	2.5	50/0.26	2.2	0.28	3.7	3.0	26
A2AT0280040**	1	4	56/0.31	2.75	0.32	3.4	3.7	41
A2AT0280060**	1	6	84/0.31	3.3	0.32	4.0	4.3	60

## ELECTRICAL CHARACTERISTICS

NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	MAXIMUM CONDUCTOR ELECTRICAL RESISTANCE AT 20 °C mΩ/m
0.35	52.0
0.5	37.1
0.75	24.7
1	18.5
1.5	12.7
2	9.42
2.5	7.6
4	4.71
6	3.14

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