



# FLR7Y-A Cable



Eland Product Group: A2A

## APPLICATION

The FLR7Y-A cable is a reduced wall thickness ETFE insulated low-tension automotive cable used in motorcycles and other motor vehicles for starting, charging, lighting, signal and instrument panel circuits.

## CHARACTERISTICS

### Temperature Rating

-45°C to +180°C

## CONSTRUCTION

### Conductor

Cu-ETP1 Bare Copper (Type A)

### Insulation

ETFE (Ethylene Tetrafluoroethylene)

### Sheath Colour

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

## STANDARDS

ISO 6722 Class E

## 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™.



ELAND PART NUMBER	NUMBER OF CORES	NOMINAL CROSS-SECTION	NOMINAL NO. AND DIAMETER OF WIRES	MAXIMUM DIAMETER OF CONDUCTOR	NOMINAL ELECTRICAL RESISTANCE AT 20°C MAX	NOMINAL INSULATION THICKNESS	NOMINAL OVERALL DIAMETER (MIN)	NOMINAL OVERALL DIAMETER (MAX)	NOMINAL WEIGHT
		mm	No/mm	mm	mΩ/m	mm	mm	mm	
A2AT021000035**	1	0.35	7/0.23	0.8	52	0.20	1.2	1.3	5
A2AT02100005**	1	0.5	19/0.19	1.0	37.1	0.22	1.4	1.6	6
A2AT02100005**	1	0.75	19/0.23	1.2	24.7	0.24	1.7	1.9	9
A2AT0210010**	1	1.00	19/0.26	1.35	18.5	0.24	1.9	2.1	11
A2AT0210015**	1	1.5	19/0.32	1.7	12.7	0.24	2.2	2.4	17
A2AT0210025**	1	2.5	19/0.41	2.2	7.6	0.28	2.7	3.0	25

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