



FLR7Y-B Cable



Eland Product Group: A2A

APPLICATION

The FLR7Y-B 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 B)

Insulation

ETFE (Ethylene Tetrafluoroethylene)

Sheath Colour

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

DIMENSIONS

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	kg/km
A2AT022000035**	1	0.35	12/0.21	0.9	54	0.2	1.2	1.4	5
A2AT02200005**	1	0.5	16/0.21	1.0	37.1	0.22	1.4	1.6	7
A2AT02200075**	1	0.75	24/0.21	1.2	24.7	0.24	1.7	1.9	10
A2AT0220010**	1	1.0	32/0.21	1.35	18.5	0.24	1.9	2.1	12
A2AT0220015**	1	1.5	30/0.26	1.7	12.7	0.24	2.2	2.4	18
A2AT0220025**	1	2.5	50/0.26	2.2	7.6	0.28	2.7	3.0	30
A2AT0220040**	1	4	56/0.31	2.75	4.71	0.32	3.4	3.7	42
A2AT0220060**	1	6	84/0.31	3.3	3.14	0.32	4.0	4.3	62

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

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™.

