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**ELAND[®]
CABLES**

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

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 by The Cable Lab[®].

