

FLR2X-A Cable



Eland Product Group: A2A

APPLICATION

FLR2X-A Cables are reduced wall thickness XLPE insulated single-core unshielded low-tension wires used in the automotive industry. Offers resistance against oils, fuels, acids, lyes and organic media. For use in motor and battery ground low voltage circuit applications with high temperatures, in tight spaces, and where ageing and abrasion resistance are advantageous. Heat resistant.

CHARACTERISTICS

Temperature Rating

-40°C to +125°C

CONSTRUCTION

Conductor

Annealed stranded copper (Type A)

Insulation

XLPE (Cross-Linked Polyethylene)

Sheath Colour

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

DIMENSIONS

ELAND PART NUMBER	NUMBER OF CORES	NOMINAL CROSS-SECTIONAL AREA mm ²	NOMINAL NO. AND DIAMETER WIRES No/mm	MAXIMUM CONDUCTOR DIAMETER mm	NOMINAL ELECTRICAL RESISTANCE AT 20°C MAX mΩ/m	NOMINAL THICKNESS INSULATION WALL mm	NOMINAL OVERALL DIAMETER (MIN) mm	NOMINAL OVERALL DIAMETER (MAX) mm	NOMINAL WEIGHT kg/km
A2AT006000022**	1	0.22	7/0.21	0.7	86.5	0.2	1.15	1.2	3.4
A2AT006000035**	1	0.35	7/0.27	0.9	54.4	0.25	1.2	1.3	4.
A2AT00600005**	1	0.5	19/0.19	1.1	37.1	0.28	1.4	1.6	7
A2AT00600075**	1	0.75	19/0.24	1.3	24.7	0.3	1.7	1.9	9.5
A2AT0060010**	1	1.00	19/0.27	1.5	18.5	0.3	1.9	2.1	12
A2AT0060015**	1	1.5	19/0.33	1.8	12.7	0.3	2.2	2.4	17
A2AT0060020**	1	2.00	19/0.38	2.0	9.42	0.28	2.8	2.85	26
A2AT0060025**	1	2.5	37/0.28	2.2	7.6	0.35	2.7	3.0	27

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 C

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™.

