



FLRYW-B Cable



Eland Product Group: A2A

APPLICATION

FLRYW-B Cables are reduced wall thickness PVC insulated single-core unshielded low-tension wires used in the automotive industry. Offers resistance against oils, fuels, acids and lyes. For use in starting, charging, lighting, signal and instrument panel circuits. Heat resistant and Hot Pressure resistant.

CHARACTERISTICS

Temperature Rating

-50°C to +125°C

CONSTRUCTION

Conductor

Cu-ETP1 Bare Copper (Type B)

Insulation

PVC (Polyvinyl Chloride)

Sheath Colour

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

STANDARDS

ISO 6722 Class C

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®.





DIMENSIONS

ELAND PART NUMBER	NO. CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL NO. AND DIAMETER OF WIRES no./mm	MAXIMUM DIAMETER OF CONDUCTOR mm	MAXIMUM ELECTRICAL RESISTANCE AT 20°C mΩ/m	NOMINAL INSULATION THICKNESS OF WALL mm	NOMINAL OVERALL DIAMETER mm	NOMINAL OVERALL DIAMETER (MAX) mm	NOMINAL WEIGHT kg/km
A2AT012000035**	1	0.35	12/0.21	0.9	54.4	0.2	1.2	1.4	5
A2AT01200005**	1	0.50	16/0.21	1.0	37.1	0.22	1.4	1.6	6
A2AT01200075**	1	0.75	24/0.21	1.2	24.7	0.24	1.7	1.9	9
A2AT0120010**	1	1.00	32/0.21	1.35	18.5	0.24	1.9	2.1	11
A2AT01200125**	1	1.25	16/0.33	1.7	14.9	0.24	2.1	2.3	12
A2AT0120015**	1	1.50	30/0.26	1.7	12.7	0.24	2.2	2.4	17
A2AT0120020**	1	2.00	28/0.31	2.0	9.42	0.28	2.5	2.8	24
A2AT0120025**	1	2.50	50/0.26	2.2	7.6	0.28	2.7	3.0	28
A2AT0120030**	1	3.00	45/0.31	2.4	6.15	0.32	3.1	3.4	34
A2AT0120040**	1	4.00	56/0.31	2.75	4.71	0.32	3.4	3.7	44
A2AT0120050**	1	5.00	65/0.33	3.1	3.94	0.32	3.9	4.2	50
A2AT0120060**	1	6.00	84/0.31	3.3	3.14	0.32	4.0	4.3	64
A2AT0120080**	1	8.00	50/0.46	4.3	2.38	0.32	4.6	5.0	82
A2AT012010**	1	10.00	38/0.41	4.5	1.82	0.48	5.4	5.8	113
A2AT012012**	1	12.00	96/0.41	5.4	1.52	0.48	5.8	6.5	120
A2AT012016**	1	16.00	126/0.41	5.5	1.16	0.52	6.5	7.0	171
A2AT012020**	1	20.00	152/0.41	6.9	0.955	0.52	7.0	7.8	192
A2AT012025**	1	25.00	196/0.41	7.0	0.743	0.52	7.9	8.7	255

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