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**ELAND<sup>®</sup>  
CABLES**

# 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

## DIMENSIONS

ELAND PART NUMBER	NO. CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	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

## 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™.

