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**ELAND<sup>®</sup>  
CABLES**

## FLRYWd Cable



Eland Product Group: A2A

### APPLICATION

FLRYWd 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 to 105°C.

### CHARACTERISTICS

#### Temperature Rating

-40°C to +105°C

### CONSTRUCTION

#### Conductor

Cu-ETP1 Bare Copper

#### Insulation

PVC (Polyvinyl Chloride)

#### Sheath Colour

● Black

### 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	NOMINAL ELECTRICAL RESISTANCE AT 20°C MAX mΩ/m	NOMINAL INSULATION THICKNESS OF WALL mm	NOMINAL OVERALL DIAMETER (MIN) mm	NOMINAL OVERALL DIAMETER (MAX) mm	NOMINAL WEIGHT kg/km
A2AT011000035**	1	0.35	7/0.26	0.80	52	0.20	1.3	1.4	4.48
A2AT01100005**	1	0.50	16/0.21	1.00	37.1	0.22	1.4	1.7	6.6
A2AT01100075**	1	0.75	24/0.21	1.20	24.7	0.24	1.7	1.9	9.0
A2AT0110010**	1	1.00	32/0.21	1.35	18.5	0.24	1.9	2.1	11.0
A2AT0110015**	1	1.50	30/0.26	1.70	12.7	0.24	2.2	2.4	16.0
A2AT0110020**	1	2.00	30/0.31	1.90	9.42	0.28	2.4	2.8	22.0
A2AT0110025**	1	2.50	50/0.26	2.20	7.6	0.28	2.7	3.0	6.0
A2AT0110030**	1	3.00	45/0.31	2.40	6.15	0.32	2.9	3.4	32.5
A2AT0110040**	1	4.00	56/0.31	2.75	4.71	0.32	3.4	3.8	42.0
A2AT0110060**	1	6.00	84/0.31	3.30	3.14	0.32	4.0	4.3	61.0
A2AT011010**	1	10.00	80/0.41	4.50	1.82	0.48	5.4	6.0	108
A2AT011016**	1	16.00	126/0.41	6.30	1.16	0.52	7.3	7.9	170
A2AT011025**	1	25.00	196/0.41	7.80	0.74	0.52	8.6	9.4	265

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 B

### 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™.

