



# FL2G Cable



Eland Product Group:

## APPLICATION

FL2G Cables are silicone rubber insulated single-core unshielded low-tension wires used in the automotive industry as battery lead wires. Offers resistance against oils, fuels, acids, lyes and organic media, and excellent protection against breaking fluids. Heat resistant.

## CHARACTERISTICS

### Temperature Rating

-40°C to +200°C

## CONSTRUCTION

### Conductor

Cu-ETP1 Bare Copper

### Insulation

Silicone rubber

### Sheath Colour

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

## DIMENSIONS

ELAND PART NUMBER	NO. CORES	NOMINAL CROSS SECTIONAL AREA	NOMINAL NO. AND DIAMETER OF WIRES	MAXIMUM DIAMETER OF CONDUCTOR	NOMINAL ELECTRICAL RESISTANCE AT 20°C	NOMINAL INSULATION THICKNESS OF WALL	NOMINAL OVERALL DIAMETER (MIN)	NOMINAL OVERALL DIAMETER (MAX)	NOMINAL WEIGHT
		mm <sup>2</sup>	no./mm	mm	MAX mΩ/m	mm	mm	mm	kg/km
A2AT00800005**	1	0.5	16/0.21	1.1	37.1	0.48	2	2.3	8
A2AT00800075**	1	0.75	24/0.21	1.3	24.7	0.48	2.2	2.5	10.6
A2AT0080010**	1	1.0	32/0.21	1.5	18.5	0.48	2.4	2.7	13.5
A2AT0080015**	1	1.5	30/0.26	1.8	12.7	0.48	2.7	3	17.9
A2AT0080025**	1	2.5	50/0.26	2.2	7.6	0.56	3.3	3.6	29.5
A2AT0080040**	1	4.0	56/0.31	2.8	4.71	0.64	4	4.4	46.7
A2AT0080060**	1	6.0	84/0.31	3.4	3.14	0.64	4.6	5	66
A2AT008010**	1	10	80/0.41	4.5	1.82	0.8	5.9	6.5	113
A2AT008016**	1	16	126/0.41	6.3	1.16	0.8	7.7	8.3	173
A2AT008025**	1	25	196/0.41	7.8	0.743	1.04	9	10	266
A2AT008035**	1	35	276/0.41	9	0.527	1.04	10.4	11	361
A2AT008050**	1	50	396/0.41	10.5	0.368	1.25	12.4	13.5	526
A2AT008070**	1	70	360/0.51	12.5	0.259	1.25	14.2	15.5	750

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 F

## 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™.

