



## 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

### STANDARDS

ISO 6722 Class F

### 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](http://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 <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
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				