



Eland Product Group: A2A

APPLICATION

The SGX cable is XLPO insulated for low-tension automotive applications for starting, charging, lighting, signal and instrument panel circuits. Highly resistant against acids, lyes, petrol and diesel.

CHARACTERISTICS

Temperature Rating

-40°C to +125°C

CONSTRUCTION

Conductor

Soft-annealed copper

Insulation

XLPO (Cross-Linked Polyolefin)

Sheath Colour

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

STANDARDS

ASTM B, SAE J 1127, Flame retardant,

THE CABLE LAB®

AN ISO/IEC 17025 AND IECCE 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 NO.	NUMBER OF CORES	AWG SIZE	NOMINAL NO. AND WIRES DIAMETER No/mm	MAXIMUM CONDUCTOR DIAMETER mm	NOMINAL THICKNESS INSULATION mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
A2AT0586AWG**	1	6	133/0.36	4.83	1.52	8.6	166
A2AT0584AWG**	1	4	133/0.46	6.09	1.65	10.5	257
A2AT0582AWG**	1	2	133/0.57	7.67	1.65	12.00	373
A2AT0581AWG**	1	1	259/0.46	8.49	1.65	13.00	453
A2AT0581/0AWG**	1	1/0	1026/0.26	9.47	1.65	14.50	545
A2AT0582/0AWG**	1	2/0	1254/0.26	10.47	1.65	16.00	653
A2AT0583/0AWG**	1	3/0	1615/0.26	11.98	1.98	18.50	847
A2AT0584/0AWG**	1	4/0	2052/0.26	13.40	1.98	20.00	1052

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

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.