



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,

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™.



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 | | | | |