



# Bare Copper Class 2 stranded conductor EN 13602



Eland Product Group: **A2B**

## APPLICATION

For use in electrical grounding systems and on insulators for overhead transmission and distribution applications. Stranded conductors offer greater flexibility than solid.

## CONSTRUCTION

### Conductor

Class 2 annealed stranded copper

## CABLE STANDARDS

EN 13602, EN 60228

### 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 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.	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NO. OF WIRES	DIAMETER OF WIRES mm	DIAMETER OF CONDUCTORS mm	MECHANICAL PROPERTIES OF PLAIN COPPER WIRE		NOMINAL WEIGHT kg/km	MAXIMUM DC RESISTANCE AT 20°C ohms/km
					Minimum Elongation %	Minimum Tensile Strength N/mm <sup>2</sup>		
A2B10015	1.5	7	0.53	1.59	24	200	13	12.1
A2B10025	2.5	7	0.67	2.01	24	200	21	7.41
A2B10040	4	7	0.85	2.55	24	200	35	4.61
A2B10060	6	7	1.05	3.15	26	200	52	3.08
A2B1010	10	7	1.35	3.85	26	200	87	1.83
A2B1016	16	7	1.74	4.8	28	200	137	1.15
A2B1025	25	7	2.19	5.8	28	200	215	0.727
A2B1035	35	7	2.62	6.9	28	200	300	0.524
A2B1050	50	10	2.62	8.2	28	200	410	0.387
A2B1070	70	14	2.62	9.7	28	200	595	0.268
A2B1095	95	19	2.62	11.4	28	200	820	0.193
A2B1120	120	19	2.62	13.1	28	200	1040	0.153
A2B1150	150	37	2.62	14.2	28	200	1280	0.124
A2B1185	185	37	2.62	15.8	28	200	1600	0.0991
A2B1240	240	48	2.62	18.6	28	200	2100	0.0754
A2B1300	300	61	2.62	20.4	28	200	2700	0.0601
A2B1400	400	61	3	26	33	200	3400	0.047
A2B1500	500	61	3	30	33	200	4400	0.0366