

## Bare Copper Class 2 stranded conductor EN 13602



### 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

NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NO. OF WIRES	DIAMETER OF WIRES mm	DIAMETER OF CONDUCTORS mm	MECHANICAL PROPERTIES OFPLAIN COPPER WIRE		NOMINAL WEIGHT kg/km	MAXIMUM DC RESISTANCE AT 20°C ohms/km
				Minimum Elongation %	Minimum Tensile Strength N/mm <sup>2</sup>		
1.5	1	1.38	1.38	24	200	13	12.1
2.5	7	0.73	1.87	24	200	21	7.41
4	7	0.94	2.34	24	200	35	4.61
6	7	1.08	2.95	26	200	52	3.08
10	7	1.38	3.85	26	200	87	1.83
16	7	1.74	4.8	28	200	137	1.15
25	7	2.33	5.8	28	200	215	0.727
35	7	2.70	6.82	28	200	300	0.524
50	10	2.70	8.02	28	200	410	0.387
70	14	2.70	9.52	28	200	595	0.268
95	19	2.70	11.3	28	200	820	0.193
120	24	2.70	12.8	28	200	1040	0.153
150	29	2.70	14.3	28	200	1280	0.124
185	37	2.70	15.8	28	200	1600	0.0991
240	48	2.70	18.1	28	200	2100	0.0754
300	60	2.70	20.5	28	200	2700	0.0601
400	60	3.02	22.8	33	200	3400	0.047
500	61	3.20	26.3	33	200	4400	0.0366

All of the above information, including drawings, illustrations and graphic designs, reflects our present understanding and is to the best of our knowledge and belief correct reliable. Users, however, should independently evaluate the suitability of each product for the desired application. Under no circumstances does this constitute an assurance any particular quality or performance. Such an assurance is only provided in the context of our product specifications or explicit contractual arrangements. Our liability for products set forth our standard terms and conditions of sale.

