



GS/A (tinned copper)



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Revision Number: 5

Silicone cables

Conductor made of twisted strands of tinned flexible copper, silicone rubber insulating sheath type EI2.

Technical data

Voltage U_0 / U | 300/500 V

Applications / Terms of use | Resistance to heat, flexibility. For high temperatures produced by engines, transformers, generators, electric equipment, wiring harnesses for household appliances and lighting purposes.

Type electric conductor | Flexible tinned copper

Type of insulation | EI2

Sheath color | One or two colours

Operating temperature | -60° C +180° C

Test voltage | 2000 V

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Technical data

Section (mm ²)	Diameter capillary (mm)	Wire size (mm)	Average thickness of insulation (mm)	Maximum outside diameter (mm)	Electrical resistance (MΩ-km a 20°C)	Average weight (kg/km)	Factor cu (kg/km)
1x0,35	0,21	0,80	0,6	2,1	N/A	6,80	3,36
1x0,50	0,21	0,90	0,6	2,2	40,1000	8,10	4,80
1x0,75	0,21	1,10	0,6	2,4	26,7000	11,30	7,20
1x1,00	0,21	1,20	0,6	2,5	20,0000	13,70	9,60
1x1,50	0,26	1,50	0,6	2,8	13,7000	18,80	14,40
1x2,50	0,26	1,90	0,7	3,4	8,2100	30,20	24,00
1x4,00	0,31	2,40	0,8	4,1	5,0900	47,70	38,40
1x6,00	0,31	3,00	0,8	4,7	3,3900	70,90	57,60