



GS/A (bare 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 red copper
Type of insulation	EI2
Sheath color	On demand
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	39,0000	8,10	4,80
1x0,75	0,21	1,10	0,6	2,4	26,0000	11,30	7,20
1x1,00	0,21	1,20	0,6	2,5	19,5000	13,70	9,60
1x1,50	0,26	1,50	0,6	2,8	13,3000	18,80	14,40
1x2,50	0,26	1,90	0,7	3,4	7,9800	30,20	24,00
1x4,00	0,31	2,40	0,8	4,1	4,9500	47,70	38,40
1x6,00	0,31	3,00	0,8	4,7	3,3000	70,90	57,60