

GS-A

Silicone cables

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



TECHNICAL DATA

Nominal tension	300/500 V
Conditions of employment	Resistance to heat, flexibility. For high temperatures produced by engines, transformers, generators, electric equipment, wiring harnesses for household appliances and lighting purposes.
Type of electrical conductor	Flexible tinned copper
Type of insulation	EI2 (EN 50363-1)
Color of the outer sheath	On demand (one or two colours)
Operating temperature	-60° C +180° C
Test voltage	2000 V

REFERENCES STANDARDS

DIMENSIONS

Nominal section	Wires max diameter	Conductor diameter	Insulation thickness	Insulation diameter \pm 0,1	Minimum average external diameter	Medium outer diameter \pm 0,2	Electrical resistance 20°C	Approximate weight	CU Factor
(Nxmm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(?/km)	(kg/km)	(kg/km)
1x0,35	0,21	0,74	0,60	N/A	N/A	2,1	N/A	6,80	3,3600
1x0,50	0,21	0,86	0,60	N/A	N/A	2,2	40,1000	8,10	4,8000
1x0,75	0,21	1,05	0,60	N/A	N/A	2,4	26,7000	11,30	7,2000
1x1,00	0,21	1,21	0,60	N/A	N/A	2,5	20,0000	13,70	9,6000
1x1,50	0,26	1,49	0,60	N/A	N/A	2,8	13,7000	18,80	14,4000
1x2,50	0,26	1,92	0,70	N/A	N/A	3,5	8,2100	30,20	24,0000
1x4,00	0,31	2,44	0,80	N/A	N/A	4,1	5,0900	47,70	38,4000
1x6,00	0,31	2,96	0,80	N/A	N/A	4,6	3,3900	70,90	57,6000

CORES IDENTIFICATION

Cores number	Insulation colour sequence
1	NA

Refer to the CEI EN 50565 standard series as a guide to the use of cables with nominal voltage not exceeding 450/750 V (U0/U) and to the CEI 20-92 standard as a guide for the handling and storage of wooden reels for cables electrical.

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