

SILICONE GS (tinned copper)

Silicone cables

Flexible single core cable with silicone rubber insulation.



TECHNICAL DATA

Nominal tension	300/500 V
Conditions of employment	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	Silicone rubber
Color of the outer sheath	On demand (one or two colours)
Operating temperature	-60° C +180° C
Short circuit temperature	+230° C (max 5 sec)
Test voltage	2000 V
Cable marking	No markings on cable

REFERENCES STANDARDS

Conductor	EN 60228; IEC 60228
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DIMENSIONS

Nominal section	Wires max diameter	Conductor diameter	Insulation thickness	Diametro isolamento $\pm 0,1$	Minimum average external diameter	Medium outer diameter $\pm 0,1$	Electrical resistance 20°C	Approximate weight	Fattore CU
(Nxmm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω /km)	(kg/km)	(kg/km)
N/A	0,21	N/A	0,60	N/A	N/A	2,05	40,1000	9,50	4,8000
N/A	0,21	N/A	0,60	N/A	N/A	2,35	26,7000	12,50	7,2000
N/A	0,21	N/A	0,60	N/A	N/A	2,45	20,0000	14,80	9,6000
N/A	0,26	N/A	0,60	N/A	N/A	2,75	13,7000	20,10	14,4000
N/A	0,26	N/A	0,70	N/A	N/A	3,35	8,2100	30,70	24,0000
N/A	0,31	N/A	0,80	N/A	N/A	4,15	5,0900	48,00	38,4000
N/A	0,31	N/A	0,80	N/A	N/A	4,60	3,3900	64,70	57,6000

CORES IDENTIFICATION

Cores number	Insulation colour sequence
1,00	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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