

SILICONE GS (bare copper)

Silicone cables

Flexible single core cable with silicone rubber insulation.



Technical data

Nominal voltage	300/500 V
Applications/Usage conditions	For high temperatures produced by engines, trasformers, generators, electric equipment, wiring harnesses for household appliances and lighting purposes.
Conductor	Flexible red copper
Insulation type	Silicone rubber
Sheath colour	On demand (one or two colours)
Operating temperatures	-60° C +180° C
Short circuit temperature	230° C (max 5 sec.)
Test voltage	2000 V
Cable markings	No markings

Standard references

Conductor	EN 60228; IEC 60228
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Dimensions

Cross section	Wires max diameter	Conductor diameter	Core thickness	Core diameter ± 0,1	Sheath thickness	Medium outer diameter ± 0,1	Electrical resistance at 20° C (Ω/km)	Cable approx. weight (kg/km)	Cu factor (Kg/km)
(Nxmm²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω/km)	(kg/km)	(Kg/km)
1x0,50	0,210	N/A	0,60	N/A	N/A	2,05	39,0000	9,50	4,80
1x0,75	0,210	N/A	0,60	N/A	N/A	2,35	26,0000	12,50	7,20
1x1,00	0,210	N/A	0,60	N/A	N/A	2,45	19,5000	14,80	9,60
1x1,50	0,260	N/A	0,60	N/A	N/A	2,75	13,3000	20,10	14,40
1x2,50	0,260	N/A	0,70	N/A	N/A	3,35	7,9800	30,70	24,00
1x4,00	0,310	N/A	0,80	N/A	N/A	4,15	4,9500	48,00	38,40
1x6,00	0,310	N/A	0,80	N/A	N/A	4,70	3,3000	64,70	57,60

Please refer to the standard series EN 50565 as guide to use for cables with a rated voltage not exceeding 450/750 V - (U0/U) and CEI 20-92 as guide for the handling and warehousing of wooden drums for electric cables.