

## SILICONE GSV

Silicone cables

Flexible single core cable with silicone rubber insulation with fiberglass braiding.



### TECHNICAL DATA

Nominal tension	300/500 V
Conditions of employment	For lighting equipment, for high temperatures produced by engines, transformers, generators, electric harnesses for household appliances.
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   +200° C
Short circuit temperature	+230° C (max 5 sec)
Test voltage	2000 V

### REFERENCES STANDARDS

Conductor	EN 60228; IEC 60228
-----------	---------------------

## 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 <sup>2</sup> )	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(?/km)	(kg/km)	(kg/km)
1x0,50	0,21	0,86	0,60	N/A	N/A	2,30	40,1000	12,60	4,8000
1x0,75	0,21	1,05	0,60	N/A	N/A	2,60	26,7000	16,00	7,2000
1x1,00	0,21	1,21	0,60	N/A	N/A	2,70	20,0000	18,40	9,6000
1x1,50	0,26	1,49	0,60	N/A	N/A	3,00	13,7000	23,70	14,4000
1x2,50	0,26	1,92	0,70	N/A	N/A	3,60	8,2100	35,60	24,0000
1x4,00	0,31	2,44	0,80	N/A	N/A	4,50	5,0900	53,30	38,4000
1x6,00	0,31	2,96	0,80	N/A	N/A	5,30	3,3900	77,30	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.

Elettrobrescia S.r.l. - Via Bulloni 36 - 25050 - Camignone di Passirano (Bs) - Tel, +39 030 6850663 Fax +39 030 6850444 email: [info@elettrobrescia.it](mailto:info@elettrobrescia.it)