

SILICONE GSV

Silicone cables

material: SILICONE tipology: SINGLECORE



Applications: Appliances Cables

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

Main rule:

Conductor: EN 60228; IEC 60228

Description

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

Technical Specifications

Review number	n. 5 - 30/4/2011
Nominal tension	300/500 V
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.) °C
Test voltage	2000 V
Insulation tolerance	± 0,1
Sheath tolerance	± 0,2

Sections

Nominal section	Max wire diameter	Conductor diameter	Insulation thickness	Average sheath thickness	Average diameter $\pm 0,1$	Copper electric resistance 20°C	Indicative weight	CU Factor
(Nxmm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(ohm/km)	(kg/km)	(kg/km)
1x0,50	0,21	0,859	0,60	NA	2.30	40,10	12,6	4,8
1x0,75	0,21	1,052	0,60	NA	2.60	26,70	16	7,2
1x1,00	0,21	1,215	0,60	NA	2.70	20,00	18,4	9,6
1x1,50	0,26	1,485	0,60	NA	3.00	13,70	23,7	14,4
1x2,50	0,26	1,918	0,70	NA	3.60	8,21	35,6	24
1x4,00	0,31	2,445	0,80	NA	4.50	5,09	53,3	38,4
1x6,00	0,31	2,955	0,80	NA	5.30	3,39	77,3	57,6

Note:

The manufacturer reserves the right to modify all or part of the data shown in this catalog

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

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