

N2GFAF (N)2GFAF

Silicone cables

material: SILICONE tipology: SINGLECORE



Applications: Appliances Cables

Conditions of employment

Highly resistant to heat, flexibility, excellent mechanical resistance. Suitable for harnesses for electric and electronic equipment, lighting equipment, lamp holders and in all other sectors where good technical characteristics are required and high safety standards.

Type of electrical conductor: Flexible tinned copper

Main rule: VDE 0250 TEIL 502

Description

Flexible single core cable with conductors made of twisted strand, with a silicone rubber insulating sheath.

Technical Specifications

Review number	n. 5 - 30/4/2011
Nominal tension	300/300 V
Type of insulation	EI2
Operating temperature	-60° C +180° C
Short circuit temperature	350° C on the conductor (max 5 sec.) °C
Test voltage	2000 V
Cable marking	ELETTRO BRESCIA <VDE> / ELETTRO BRESCIA <VDE> Reg. Nr. 7874
Insulation tolerance	± 0,1
Sheath tolerance	± 0,2

Documents::

[Certificate](#)

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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	2.2	40,10	NA	4,8
1x0,75	0,21	1,052	0,60	NA	2.4	26,70	NA	7,2
1x1,00	0,21	1,215	0,60	NA	2.5	20,00	NA	9,6
1x1,50	0,26	1,485	0,70	NA	3.0	13,70	NA	14,4
1x2,50	0,26	1,918	0,80	NA	3.6	8,21	NA	24

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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