

N2GFAF (N)2GFAF

Silicone cables

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



TECHNICAL DATA

Nominal tension	300/300 V
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
Type of insulation	EI2 (EN 50363-1)
Operating temperature	-60° C +180° C
Short circuit temperature	+350° C on the conductor (max 5 sec.)
Test voltage	2000 V
Cable marking	ELETTRO BRESCIA <VDE> / ELETTRO BRESCIA <VDE> Reg. Nr. 7874

REFERENCES STANDARDS

Main rule	VDE 0250 TEIL 502
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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 ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω /km)	(kg/km)	(kg/km)
1x0,50	0,21	0,86	0,60	N/A	N/A	2,2	40,1000	N/A	4,8000
1x0,75	0,21	1,05	0,60	N/A	N/A	2,4	26,7000	N/A	7,2000
1x1,00	0,21	1,21	0,60	N/A	N/A	2,5	20,0000	N/A	9,6000
1x1,50	0,26	1,49	0,70	N/A	N/A	3,0	13,7000	N/A	14,4000
1x2,50	0,26	1,92	0,80	N/A	N/A	3,6	8,2100	N/A	24,0000

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.

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