

SILICONE HV 0,6-1 kV

Silicone cables

Single core flexible tinned copper cable with silicone rubber sheath type EI2, VDE certified.



TECHNICAL DATA

Nominal tension	600/1000 V
Conditions of employment	Resistance to heat, for class H networking, lighting, high tension circuitry.
Type of electrical conductor	Flexible tinned copper
Type of insulation	EI2 (EN 50363-1)
Color of the outer sheath	On demand (one or two colours)
Operating temperature	-60° C +180° C
Test voltage	5000 V
Cable marking	ELETTROROBRESCIA <VDE> Reg. No. 7875

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	0,20	0,86	1,00	N/A	N/A	3,0	40,1000	N/A	4,8000
1x0,75	0,20	1,05	1,00	N/A	N/A	3,2	26,7000	N/A	7,2000
1x1,00	0,20	1,21	1,00	N/A	N/A	3,3	20,0000	N/A	9,6000
1x1,50	0,25	1,49	1,00	N/A	N/A	3,6	13,7000	N/A	14,4000
1x2,50	0,25	1,92	1,20	N/A	N/A	4,5	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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