

## SILICONE HV 0,6-1 kV

Silicone cables

Single core solid 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	Solid 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 <sup>2</sup> )	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	( $\Omega$ /km)	(kg/km)	(kg/km)
1x0,50	0,80	0,80	1,00	N/A	N/A	2,9	36,7000	N/A	4,8000
1x0,75	1,00	1,00	1,00	N/A	N/A	3,1	24,8000	N/A	7,2000
1x1,00	1,13	1,13	1,00	N/A	N/A	3,2	18,2000	N/A	9,6000
1x1,50	1,35	1,35	1,00	N/A	N/A	3,5	12,2000	N/A	14,4000
1x2,50	1,75	1,75	1,20	N/A	N/A	4,3	7,5600	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.

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)