

# 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 voltage	600/1000 V
Applications/Usage conditions	Resistance to heat, for class H networking, lighting, high tension circuitry.
Conductor	Flexible tinned copper
Insulation type	EI2 (EN 50363-1)
Sheath colour	On demand (one or two colours)
Operating temperatures	-60° C   +180° C
Test voltage	5000 V
Cable markings	ELETTRO BRESCIA <VDE> Reg. No. 7875

## Standard references

Main standard	VDE 0250 TEIL 502
---------------	-------------------

## Dimensions

Cross section (Nxmm <sup>2</sup> )	Wires max diameter (mm)	Conductor diameter (mm)	Core thickness (mm)	Core diameter ± 0,1 (mm)	Sheath thickness (mm)	Medium outer diameter ± 0,2 (mm)	Electrical resistance at 20° C (Ω/km)	Cable approx. weight (kg/km)	Cu factor (Kg/km)
1x0,50	0,200	0,87	1,00	N/A	N/A	3,0	40,1000	N/A	4,80
1x0,75	0,200	1,07	1,00	N/A	N/A	3,2	26,7000	N/A	7,20
1x1,00	0,200	1,23	1,00	N/A	N/A	3,3	20,0000	N/A	9,60
1x1,50	0,250	1,52	1,00	N/A	N/A	3,6	13,7000	N/A	14,40
1x2,50	0,250	1,96	1,20	N/A	N/A	4,5	8,2100	N/A	24,00

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