

SILICONE SIHF

Silicone cables

Conductor made of tinned copper wires, silicone insulating conductors and sheath.



TECHNICAL DATA

Nominal tension	300/500 V
Conditions of employment	Suitable for all wiring devices at constant temperature of 180 °C and for power supply under same conditions.
Type of electrical conductor	Flexible tinned copper
Type of insulation	Silicone rubber
Type of outer sheath	Silicone rubber
Color of the outer sheath	Black
Operating temperature	-60° C +180° C
Test voltage	2000 V
Cable marking	No markings on cable

REFERENCES STANDARDS

Conductor	EN 60228; IEC 60228
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DIMENSIONS

Nominal section	Wires max diameter	Conductor diameter	Insulation thickness	Diametro isolamento $\pm 0,1$	Minimum average external diameter	Medium outer diameter $\pm 0,2$	Electrical resistance 20°C	Approximate weight	Fattore CU
(Nxmm ²)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(Ω /km)	(kg/km)	(kg/km)
N/A	0,20	0,86	0,60	N/A	0,70	5,40	40,1000	N/A	9,6000
N/A	0,20	1,05	0,60	N/A	0,80	6,20	26,7000	N/A	14,4000
N/A	0,20	1,21	0,60	N/A	0,80	6,40	20,0000	N/A	19,2000
N/A	0,25	1,49	0,60	N/A	0,90	7,30	13,7000	N/A	28,8000
N/A	0,25	1,92	0,70	N/A	1,20	9,10	8,2100	N/A	48,0000
N/A	0,30	2,44	0,80	N/A	1,20	11,10	5,0900	N/A	76,8000
N/A	0,30	2,88	0,80	N/A	1,70	13,30	3,3000	N/A	172,8000
N/A	0,20	0,86	0,60	N/A	0,80	6,10	40,1000	N/A	14,4000
N/A	0,20	1,05	0,60	N/A	0,80	6,50	26,7000	N/A	21,6000
N/A	0,20	1,21	0,60	N/A	0,80	7,00	20,0000	N/A	28,8000
N/A	0,25	1,49	0,60	N/A	0,90	7,60	13,7000	N/A	43,2000
N/A	0,25	1,92	0,70	N/A	1,20	9,40	8,2100	N/A	72,0000
N/A	0,30	2,44	0,80	N/A	1,20	11,30	5,0900	N/A	115,2000
N/A	0,30	2,88	0,80	N/A	1,70	12,60	3,3000	N/A	115,2000
N/A	0,20	0,86	0,60	N/A	0,80	6,70	40,1000	N/A	19,2000
N/A	0,20	1,05	0,60	N/A	1,00	7,60	26,7000	N/A	28,8000
N/A	0,20	1,21	0,60	N/A	0,90	7,80	20,0000	N/A	38,4000
N/A	0,25	1,49	0,60	N/A	1,00	8,60	13,7000	N/A	57,6000
N/A	0,25	1,92	0,70	N/A	1,20	10,40	8,2100	N/A	96,0000
N/A	0,30	2,44	0,80	N/A	1,50	13,10	5,0900	N/A	153,6000
N/A	0,30	2,88	0,80	N/A	2,05	15,20	3,3000	N/A	230,4000
N/A	0,20	1,05	0,60	N/A	1,00	8,50	26,7000	N/A	36,0000
N/A	0,20	1,21	0,60	N/A	1,00	8,60	20,0000	N/A	48,0000
N/A	0,25	1,49	0,60	N/A	1,00	9,50	13,7000	N/A	72,0000
N/A	0,25	1,92	0,70	N/A	1,20	11,50	8,2100	N/A	120,0000
N/A	0,30	2,44	0,80	N/A	1,50	14,70	5,0900	N/A	192,0000
N/A	0,20	1,05	0,60	N/A	1,00	9,20	26,7000	N/A	43,2000
N/A	0,20	1,21	0,60	N/A	1,00	9,30	20,0000	N/A	57,6000
N/A	0,25	1,49	0,60	N/A	1,00	10,30	13,7000	N/A	86,4000
N/A	0,25	1,92	0,70	N/A	1,20	12,30	8,2100	N/A	144,0000
N/A	0,20	1,05	0,60	N/A	1,00	9,20	26,7000	N/A	50,4000
N/A	0,20	1,21	0,60	N/A	1,10	9,60	20,0000	N/A	67,2000
N/A	0,25	1,49	0,60	N/A	1,00	10,30	13,7000	N/A	100,8000
N/A	0,25	1,92	0,70	N/A	1,20	12,80	8,2100	N/A	168,0000

CORES IDENTIFICATION

Cores number	Insulation colour sequence
2,00	NA
3,00	NA
4,00	NA
5,00	NA
6,00	NA
7,00	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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