

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	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)
2x0,50	0,20	0,86	0,60	N/A	0,70	5,40	40,1000	N/A	9,6000
2x0,75	0,20	1,05	0,60	N/A	0,80	6,20	26,7000	N/A	14,4000
2x1,00	0,20	1,21	0,60	N/A	0,80	6,40	20,0000	N/A	19,2000
2x1,50	0,25	1,49	0,60	N/A	0,90	7,30	13,7000	N/A	28,8000
2x2,50	0,25	1,92	0,70	N/A	1,20	9,10	8,2100	N/A	48,0000
2x4,00	0,30	2,44	0,80	N/A	1,20	11,10	5,0900	N/A	76,8000
2x6,00	0,30	2,88	0,80	N/A	1,70	12,60	3,3000	N/A	115,2000
3x0,50	0,20	0,86	0,60	N/A	0,80	6,10	40,1000	N/A	14,4000
3x0,75	0,20	1,05	0,60	N/A	0,80	6,50	26,7000	N/A	21,6000
3x1,00	0,20	1,21	0,60	N/A	0,80	7,00	20,0000	N/A	28,8000
3x1,50	0,25	1,49	0,60	N/A	0,90	7,60	13,7000	N/A	43,2000
3x2,50	0,25	1,92	0,70	N/A	1,20	9,40	8,2100	N/A	72,0000
3x4,00	0,30	2,44	0,80	N/A	1,20	11,30	5,0900	N/A	115,2000
3x6,00	0,30	2,88	0,80	N/A	1,70	13,30	3,3000	N/A	172,8000
4x0,50	0,20	0,86	0,60	N/A	0,80	6,70	40,1000	N/A	19,2000
4x0,75	0,20	1,05	0,60	N/A	1,00	7,60	26,7000	N/A	28,8000
4x1,00	0,20	1,21	0,60	N/A	0,90	7,80	20,0000	N/A	38,4000
4x1,50	0,25	1,49	0,60	N/A	1,00	8,60	13,7000	N/A	57,6000
4x2,50	0,25	1,92	0,70	N/A	1,20	10,40	8,2100	N/A	96,0000
4x4,00	0,30	2,44	0,80	N/A	1,50	13,10	5,0900	N/A	153,6000
4x6,00	0,30	2,88	0,80	N/A	2,05	15,20	3,3000	N/A	230,4000
5x0,75	0,20	1,05	0,60	N/A	1,00	8,50	26,7000	N/A	36,0000
5x1,00	0,20	1,21	0,60	N/A	1,00	8,60	20,0000	N/A	48,0000
5x1,50	0,25	1,49	0,60	N/A	1,00	9,50	13,7000	N/A	72,0000
5x2,50	0,25	1,92	0,70	N/A	1,20	11,50	8,2100	N/A	120,0000
5x4,00	0,30	2,44	0,80	N/A	1,50	14,70	5,0900	N/A	192,0000
6x0,75	0,20	1,05	0,60	N/A	1,00	9,20	26,7000	N/A	43,2000
6x1,00	0,20	1,21	0,60	N/A	1,00	9,30	20,0000	N/A	57,6000
6x1,50	0,25	1,49	0,60	N/A	1,00	10,30	13,7000	N/A	86,4000
6x2,50	0,25	1,92	0,70	N/A	1,20	12,30	8,2100	N/A	144,0000
7x0,75	0,20	1,05	0,60	N/A	1,00	9,20	26,7000	N/A	50,4000
7x1,00	0,20	1,21	0,60	N/A	1,10	9,60	20,0000	N/A	67,2000
7x1,50	0,25	1,49	0,60	N/A	1,00	10,30	13,7000	N/A	100,8000
7x2,50	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	NA
3	NA
4	NA
5	NA
6	NA
7	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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