

SILICONE SIHF

Silicone cables

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



Technical data

Nominal voltage	300/500 V
Applications/Usage conditions	Suitable for all wiring devices at constant temperature of 180 °C and for power supply under same conditions.
Conductor	Flexible red copper
Insulation type	Silicone rubber
Sheath type	Silicone rubber
Sheath colour	Black
Operating temperatures	-60° C +180° C
Test voltage	2000 V
Cable markings	No markings

Standard references

Conductor	EN 60228; IEC 60228
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Dimensions

Cross section (Nxmm ²)	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)
2x0,50	0,200	0,87	0,60	N/A	0,70	5,40	39,0000	N/A	9,60
2x0,75	0,200	1,07	0,60	N/A	0,80	6,20	26,0000	N/A	14,40
2x1,00	0,200	1,23	0,60	N/A	0,80	6,40	19,5000	N/A	19,20
2x1,50	0,250	1,46	0,60	N/A	0,90	7,30	13,3000	N/A	28,80
2x2,50	0,250	1,92	0,70	N/A	1,20	9,10	7,9800	N/A	48,00
2x4,00	0,300	2,44	0,80	N/A	1,20	11,10	4,9500	N/A	76,80
2x6,00	0,300	2,96	0,80	N/A	2,00	13,10	3,3000	N/A	115,20
3x0,50	0,200	0,87	0,60	N/A	0,80	6,10	39,0000	N/A	14,40
3x0,75	0,200	1,07	0,60	N/A	0,80	6,50	26,0000	N/A	21,60
3x1,00	0,200	1,23	0,60	N/A	0,80	7,00	19,5000	N/A	28,80
3x1,50	0,250	1,46	0,60	N/A	0,90	7,60	13,3000	N/A	43,20
3x2,50	0,250	1,92	0,70	N/A	1,20	9,40	7,9800	N/A	72,00
3x4,00	0,300	2,44	0,80	N/A	1,20	11,30	4,9500	N/A	115,20
3x6,00	0,300	2,96	0,80	N/A	2,20	14,30	3,3000	N/A	172,80
4x0,50	0,200	0,87	0,60	N/A	0,80	6,70	39,0000	N/A	19,20
4x0,75	0,200	1,07	0,60	N/A	1,00	7,60	26,0000	N/A	28,80
4x1,00	0,200	1,23	0,60	N/A	0,90	7,80	19,5000	N/A	38,40
4x1,50	0,250	1,46	0,60	N/A	1,00	8,60	13,3000	N/A	57,60
4x2,50	0,250	1,92	0,70	N/A	1,20	10,40	7,9800	N/A	96,00

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.

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Cross section (Nxmm ²)	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)
4x4,00	0,300	2,44	0,80	N/A	1,50	13,10	4,9500	N/A	153,60
4x6,00	0,300	2,96	0,80	N/A	2,40	15,90	3,3000	N/A	230,40
5x0,75	0,200	1,07	0,60	N/A	1,00	8,50	26,0000	N/A	36,00
5x1,00	0,200	1,23	0,60	N/A	1,00	8,60	19,5000	N/A	48,00
5x1,50	0,250	1,46	0,60	N/A	1,00	9,50	13,3000	N/A	72,00
5x2,50	0,250	1,92	0,70	N/A	1,20	11,50	7,9800	N/A	120,00
5x4,00	0,300	2,44	0,80	N/A	1,50	14,70	4,9500	N/A	192,00
6x0,75	0,200	1,07	0,60	N/A	1,00	9,20	26,0000	N/A	43,20
6x1,00	0,200	1,23	0,60	N/A	1,00	9,30	19,5000	N/A	57,60
6x1,50	0,250	1,46	0,60	N/A	1,00	10,30	13,3000	N/A	86,40
6x2,50	0,250	1,92	0,70	N/A	1,20	12,30	7,9800	N/A	144,00
7x0,75	0,200	1,07	0,60	N/A	1,00	9,20	26,0000	N/A	50,40
7x1,00	0,200	1,23	0,60	N/A	1,10	9,60	19,5000	N/A	67,20
7x1,50	0,250	1,46	0,60	N/A	1,00	10,30	13,3000	N/A	100,80
7x2,50	0,250	1,92	0,70	N/A	1,20	12,80	7,9800	N/A	168,00

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