



SILKAL® 180-SiF silicon, stranded hook-up wire



These connecting lead wires are heat resistant and are especially suitable for use with the effect of heat or high temperature differences where the line insulation otherwise becomes breakable and brittle in a short time.

Application:

Connecting leads for motors, transformers, heating and lighting bodies, machines, facilities and further application areas of the insulation class H (180°C) according to VDE 0530.

Design:

Conductor of tinned copper wires, insulation of silicon India rubber.

Insulation resistance:

200 MΩ x km.

Nominal voltage:

500 V.

Check voltage:

2.000 V.

Admissible temperature range:

-50° C to +180° C, short term +200° C.

Colour code:

Through supplementing with the number of the colour code, you will receive the complete item number.

black	XX = 01
blue	XX = 02
brown	XX = 03
red	XX = 04
white	XX = 05
grey	XX = 06
green/yellow	XX = 00

as of cross section 4.0 mm²

Colour of preference: black

Other colours upon request.



Item number	Cross section mm ²	Wire design n x mm	Outer Ø mm	Copper number kg/1000 m	Weight approx kg/1000 m
0201-XX	0,25	14 x 0,15	1,9	2,4	5,5
0204-XX	0,50	16 x 0,20	2,1	4,8	8,6
0207-XX	0,75	24 x 0,20	2,4	7,2	11,5
0210-XX	1,00	32 x 0,20	2,5	9,6	14,0
0213-XX	1,50	30 x 0,25	2,8	14,4	20,0
0216-XX	2,50	50 x 0,25	3,4	24,0	32,0
0219-XX	4,00	56 x 0,30	4,2	38,0	48,5
0222-XX	6,00	84 x 0,30	5,2	58,0	71,5
0225-XX	10,00	80 x 0,40	7,0	96,0	124,0
0228-XX	16,00	128 x 0,40	8,4	154,0	188,0
0231-XX	25,00	200 x 0,40	10,3	240,0	296,0
0234-XX	35,00	280 x 0,40	11,6	336,0	400,0
0237-XX	50,00	400 x 0,40	13,9	480,0	570,0
0240-XX	70,00	356 x 0,50	16,0	672,0	766,0
0243-XX	95,00	485 x 0,50	18,4	912,0	1030,0
0246-XX	120,00	614 x 0,50	20,0	1152,0	1300,0
0249-XX	150,00	765 x 0,50	22,8	1440,0	1610,0
0252-XX	185,00	944 x 0,50	24,0	1776,0	1990,0

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