

# SILTOP CN-SIF



柔性铜导体标准单芯电缆

Single core silicone rubber insulated cable with flexible conductor

**护套颜色**  
Colour of jacket

● ● ● ● ● ● ● ●

(其他颜色可根据要求提供 / other colours on request)



**标准**  
Standards

CEI – DIN VDE

2011/65/EU und aktuelle Erweiterungen 2006/122/EG 1907/2006

**应用范围**  
Application

**包装**  
Packaging

**技术信息**  
Technical Data

镀锡铜导体 / Conductor tin plated	DIN VDE 0295 Kl. 5; EN 60228	硅强度 / Silicone strength	4 N/mm <sup>2</sup>
工作温度 / Temp. on conductor	max. +180°C	绝缘阻抗 / Insulation resistance	min. 20 MΩ x km (20°C)
额定电压 / Nominal Voltage	U <sub>0</sub> /U 300/500 V	最小弯曲半径 / Min. bending radius	15 x Ø
测试电压 / Test Voltage	2000 V (AC)	耐火性 / Fire resistance	阻燃 / hardly inflammable
环境温度 / Temperature range	-60°C / +180°C	无卤 / Halogen free	DIN VDE 0472-813; IEC 754-1
峰值温度 / Peak temperature	+250°C	标记 / Identification	SILTOP-CN by www.Silikonkabel.com

这些电缆设计用于高温区域的固定安装，接触锋利的边缘或粗糙的表面时，电缆可能会受到损坏。因此，安装、应用或处理这些电缆时必须遵守当前的DIN法规和准则。相关内容请咨询您当地的有关部门或技术控制委员会。我们不承担因不遵守这些准则和规定而造成任何损失的责任。

These cables are designed for fixed installation in areas of high temperatures. When touching sharp edges or rough surfaces the cable may suffer damage. Therefore the installation, application and/or processing must be in accordance with the current DIN-Regulations and guidelines. Check with your local authorities or technical control board. We cannot be held responsible for any damage caused by disregarding these guidelines and regulations.

横截面 mm <sup>2</sup>	导体 Conductor	铜重 Copper weight kg/km	导体电阻 Electrical resistance Ω/km (20°C)	绝缘层厚度 Thickness of insulation mm	外直径 Outer diameter mm	电缆重量 Weight of cable kg/km
0,22	7x0,20 mm*	2,1	99,0	0,6	1,7	6
0,25	8x0,20 mm*	2,4	79,0	0,6	1,8	7
0,35	11x0,20 mm	3,4	56,0	0,6	1,9	8
0,50	16x0,20 mm	4,8	40,1	0,6	2,1	10
0,75	24x0,20 mm	7,2	26,7	0,6	2,3	13
1,00	32x0,20 mm	9,6	20,0	0,6	2,5	15
1,50	30x0,25 mm	14,4	13,7	0,6	2,8	21
2,50	50x0,25 mm	24,0	8,21	0,7	3,5	34
4	56x0,30 mm	38,4	5,09	0,8	4,1	49
6	84x0,30 mm	57,6	3,39	0,8	4,7	68
10	80x0,40 mm	96,0	1,95	1,0	6,1	110
16	126x0,40 mm	153,6	1,24	1,2	7,5	168
25	196x0,40 mm	240,0	0,795	1,4	9,1	254
35	276x0,40 mm	336,0	0,565	1,4	10,3	347
50	396x0,40 mm	480,0	0,393	1,6	12,0	490
70	360x0,50 mm	672,0	0,277	1,6	13,7	686
95	485x0,50 mm	912,0	0,210	1,8	15,6	888
120	608x0,50 mm	1152,0	0,164	1,8	17,4	1149
150	756x0,50 mm	1440,0	0,132	2,0	19,3	1411
185	944x0,50 mm	1776,0	0,108	2,2	21,4	1722
240	1221x0,50 mm	2304,0	0,0817	2,4	24,3	2284
300	1525x0,50 mm	2880,0	0,0654	2,6	26,9	2895

\*)铜导体镀锡/导体镀锡符合DIN VDE 0295 Class 2标准; EN 60228.