

SIF CABLE

0.6/1KV SILICONE / PRODUCT SPECIFICATIONS

01 0.5 - 300 SQ

21 SIZES

Conductor (IEC 60228, Class 5)			Silicone rubber insulation thickness	Nominal overall diameter	Test Voltage	Maximum permissible current at 30°C	Net weight
Cross-sectional Area	Construction	Diameter					
SQ(mm²)	strands/mm	mm	mm	mm	V/min	A	kg/km
0.5	20/0.18	0.93	0.8	2.53	3,000	15	10.0
0.75	30/0.18	1.14	0.8	2.74	3,000	19	13.1
1	40/0.18	1.3	0.8	2.9	3,000	23	16.0
1.5	30/0.254	1.6	0.8	3.2	3,000	29	21.7
2.5	50/0.254	2.1	0.8	3.7	3,000	40	32.7
4	7/11/0.26	3.0	1.0	5.0	3,000	59	56.4
6	7/16/0.26	3.6	1.0	5.6	3,000	75	77.5
10	7/18/0.32	4.7	1.1	6.9	3,000	100	120.3
16	7/29/0.32	6.0	1.2	8.4	3,000	140	186.8
25	7/45/0.32	7.4	1.2	9.8	3,000	198	277.5
35	19/23/0.32	8.8	1.3	11.4	3,000	245	380.2
50	7/45/0.45	10.0	1.5	13.0	3,000	310	538.2
60	7/54/0.45	11.2	1.6	14.4	3,000	350	643.2
70	19/23/0.45	12.3	1.8	15.9	3,000	410	749.9
95	19/32/0.45	14.4	2.0	18.4	3,000	510	1,033.8
120	19/40/0.45	16.1	2.2	20.5	3,000	560	1,289.1
150	19/50/0.45	18.0	2.2	22.4	3,000	645	1,556.9
185	19/61/0.45	20.3	2.3	24.9	3,000	740	1,922.2
200	19/66/0.45	21.1	2.5	26.1	3,000	780	2,091.3
240	19/79/0.45	22.2	2.5	27.2	3,000	870	2,501.3
300	37/51/0.45	25.5	3.0	31.5	3,000	1,010	3,139.2

상기 허용전류 값은 계산된 수치로 실제 적용 시 충분한 안전율과 저감 계수를 적용하여야 합니다.