

SiF Silicone Single Core Cable

Silicone Rubber -60°C to +180°C • 300/500 Volts • Halogen-free, Temperature-resistant, Self-extinguishing and flame resistant

CONSTRUCTION :

- : Class 5 Fine Stranded Tinned Copper
- : Silicone Rubber

TECHNICAL DATA :

- : Halogen-free according to IEC 60754-1
- : Temperature range -60°C to +180°C short time +200 °C
- : Working voltage 300/500 V
- : Test voltage 2000 V
- Resistant to :**
- : high molecular oils, fats, alcohols, oxygen, sea water, weather-proofed

APPLICATION RANGE :

These silicone cables are used in all areas with permanent high temperatures up to 180 °C, short term up to 200 °C, as well as for areas with low temperatures up to -60 °C. Silicone cables are halogen-free and are used in power plants, in iron mills, steel-works, rolling-mills, in aviation and ship industry, in cement, glass and ceramic factories etc



SiF CABLE PARAMETER			
Cross-sec. area (mm ²)	Outer Ø approx. mm.	Approx. Copper Weight (kg/km)	Weight approx. kg/km
0.5	2.1	5.0	10
0.75	2.4	7.5	13
1	2.5	10.0	16
1.5	2.8	15.0	22
2.5	3.4	25.0	35
4	4.2	40.0	54
6	5.2	60.0	82
10	6.4	100.0	132
16	8.0	160.0	209
25	10.0	250.0	327
35	11.2	350.0	439
50	13.3	500.0	624
70	15.4	700.0	860
95	17.8	950.0	1,161
120	19.8	1,200.0	1,456
150	21.5	1,500.0	1,785
185	24.4	1,850.0	2,233
240	26.8	2,400.0	2,829

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