Silicone Cable
Halogen Free

Wire & Cable Specification

Construction	
Voltage	300/500V (500V single core)
Conductor	Tinned copper
Insulation	Silicone
Sheath	Silicone (multicore only)

Characteristics

Flexibility	Operating Temperature	Oils / Fuels / Solvents	Acids / Bases	Environmental Exposure
Min Bending Radius 7.5 x cable o.d. (multicore)	Fixed -60°C to 180°C (peak 220°C multicore)	Resistant to common oils and solvents	Resistant to common acid and alkaline chemicals	Resistant to ozone and UV halogen free to IEC 60754-2

Application

Silicone cables are suitable wherever cables are subjected to extreme temperature changes. They are used mainly in the steel producing and aviation industries as well as in ship building, cement, glass and ceramic factories. These cables are halogen free and especially suitable for use in power stations.

Item Codes

Codes available on next page.

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Item Codes

Single Core

Material No.	Old Code	Cores x Area mm²	Description	Nom Dia mm	Approx Mass kg/m
SIF23501A1	7865	1 x 1.0	BK	2.5	0.01
SIF23502A1	7547	1 x 1.0	RD	2.5	0.01
SIF2361.5BK	1588	1 x 1.5	BK	2.8	0.02
SIF2361.5RDA1	7483	1 x 1.5	RD	2.8	0.02
SIF23701A1	4883	1 x 2.5	BK	3.4	0.03
SIF2372.5RD	5311	1 x 2.5	RD	3.4	0.03
SIF2384BKA1	5492	1 x 4	BK	4.2	0.05
SIF2384RDA1	7066	1 x 4	RD	4.2	0.05
SIF2396BKA1	6853	1 x 6	BK	5.2	0.07
SIF2396RDA1	2187	1 x 6	RD	5.2	0.07

Multicore

Material No.	Old Code	Cores x Area mm²	Nom Dia mm	Approx Mass kg/m
Conductor Size 1.0 mm²				
SF2X1	6571	2 x 1.0	6.6	0.06
SF3G1	2786	2 x 1.0 + E	7.4	0.08
SF4G1	2270	3 x 1.0 + E	8.0	0.09
SF7G1	8854	6 x 1.0 + E	9.5	0.14
SF12G1	3058	11 x 1.0 + E	11.5	0.23
Conductor Size 1.5 mm²				
SF2X1.5	9502	2 x 1.5	7.6	0.08
SF3G1.5	6607	2 x 1.5 + E	8.0	0.10
SF4G1.5	7396	3 x 1.5 + E	8.8	0.12
SF5G1.5	7298	4 x 1.5 + E	9.6	0.15
SF12G1.5	8288	11 x 1.5 + E	14.6	0.31
Conductor Size 2.5 mm²				
SF3G2.5	4409	2 x 2.5 + E	9.7	0.15
SF4G2.5	8829	3 x 2.5 + E	10.6	0.19
SF5G2.5	6181	4 x 2.5 + E	11.6	0.23
Conductor Size 6 mm²				
SF4G6	9517	3 x 6.0 + E	16.2	0.44
Conductor Size 10 mm²				
SF4G10	6338	3 x 10 + E	20.4	0.71

Core Colours

No. Cores	Colour
2	BN, BU
3	BN, BU, GNYE
4	BN, BU, BK, GNYE
5	BN, BU, BK, GY, GNYE
6 & above	BK with white numbering

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