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Power cable < 1 kV, for fixed installations Tempflex SIMX-F



Application : Flexible, halogen free silicone wire for use in high temperature environments. Silicone is suitable up to 180 degrees temperatures.

TECHNICAL DATA : TYPE SIMX-F

Number of cores	: 1
Conductor material	: Copper, tinned
Conductor category	: Class 5 = flexible
Core insulation material	: Rubber - silicone rubber (SIR)
Core identification	: Colour
Max. conductor temperature	: 180°C
Protective conductor	: No
Flame retardant	: No
Screen	: No
Drain wire	: No
Suspension element	: None
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Protective barrier	: None
Oil resistant (acc. EN 60811-404)	: No
Lead sheath	: No
Armouring/reinforcement	: None
Material outer sheath	: Other
Permitted cable outer temperature after assembling without vibration	: -50°C to 180°C
Nominal voltage U	: 500V
Halogen free (acc. EN 60754-1/2)	: Yes
Low smoke (acc. BS EN 61034-2)	: No
Insulation integrity	: No
Nominal voltage U0	: 300V
Shape of conductor	: Round
Conductor surface	: Tinned
Twisted cores	: No
Specification core insulation	: Rubber - silicone rubber (SIR)
Specification material outer sheath	: Other
Circuit integrity	: Round
	: None
	: No
	: No
	: No



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: No

: No



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ProductNr	Dimension	Core colour	Colour outer sheath	Outer diameter approx. (mm)	(Ohm/km)	Min. permitted bending radius, stationary application/permanent installation (mm)
0118001	1 x 0.5	Black	Black	2.1	40.1	16
0117998	1 x 0.5	Blue	Blue	2.1	40.1	16
0118015	1 x 0.5	Red	Red	2.1	40.1	16
0118006	1 x 0.75	Black	Black	2.4	26.7	18
0118003	1 x 0.75	Blue	Blue	2.4	26.7	18
0118005	1 x 0.75	Green/yellow	None	2.4	26.7	18
0118002	1 x 0.75	Red	Other	2.4	26.7	18
0118026	1 x 1	Black	Black	2.5	20	19
0118025	1 x 1	Green/yellow	Other	2.5	20	19
0118033	1 x 1	Grey	Grey	2.5	20	19
0118032	1 x 1	Orange	Orange	2.5	20	19
0118027	1 x 1	Purple/violet	Other	2.5	20	19
0118022	1 x 1	Red	Other	2.5	20	19
0118046	1 x 1.5	Black	Black	2.8	13.7	21
0118043	1 x 1.5	Blue	Blue	2.8	13.7	21
0118044	1 x 1.5	Brown	Brown	2.8	13.7	21
0118045	1 x 1.5	Green/yellow	Other	2.8	13.7	21
0118042	1 x 1.5	Red	Other	2.8	13.7	21
0118047	1 x 1.5	Red	Red	2.8	13.7	21
0118048	1 x 1.5	White	White	2.8	13.7	21
0118066	1 x 2.5	Black	Black	3.4	8.2	26
0118063	1 x 2.5	Blue	Blue	3.4	8.2	26
0118068	1 x 2.5	Brown	Brown	3.4	8.2	26
0118065	1 x 2.5	Green/yellow	Other	3.4	8.2	26
0118062	1 x 2.5	Red	Other	3.4	8.2	26
0118064	1 x 2.5	White	White	3.4	8.2	26
0118086	1 x 4	Black	Black	4.2	5	32
0118083	1 x 4	Blue	Blue	4.2	5	32
0118082	1 x 4	Red	Other	4.2	5	32
0118081	1 x 4	White	White	4.2	5	32
0118106	1 x 6	Black	Black	5	3.39	39
0118126	1 x 10	Black	Black	6.6	1.95	51



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ProductNr	Dimension	Core colour	Colour outer sheath	Outer diameter approx. (mm)	(Ohm/km)	Min. permitted bending radius, stationary application/permanent installation (mm)
0118146	1 x 16	Black	Black	7.4	1.24	63
0118142	1 x 16	Red	Other	7.7	1.24	63
0118156	1 x 25	Black	Black	9.2	0.795	77