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Power cable < 1 kV, for fixed installations Tempflex SIF/GL



Application	: Flexible, halogen free silicone wire for use in high temperature environments
TECHNICAL DATA	: TYPE SIF/GL
Remarks	: Silicone wire with glass-silk braiding. This braiding is also the outer sheath
Number of cores	: 1
Conductor material	: Copper, tinned
Conductor category	: Class 5 = flexible
Core insulation material	: Rubber - silicone rubber (SIR)
Core identification	: Other
Core colour	: Transparent
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
Colour outer sheath	: Other
Halogen free (acc. EN 60754-1/2)	: Yes
Nominal voltage U	: 500V
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
	: Round



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Circuit integrity

: None

: No

: No

: No

: No

: No



ProductNr	Dimension	Outer diameter approx. (mm)	(Ohm/km)	Min. permitted bending radius, stationary application/permanent installation (mm)
0122401	1 x 0.75	2.9	26.7	29
0122601	1 x 1.5	3.2	13.7	35
0122701	1 x 2.5	3.8	8.21	41
0122801	1 x 4	4.6	5.09	46
0122901	1 x 6	5.4	3.39	52
0122909	1 x 120	18	0.164	180