

POLY BRAID

SIAF / MT / POL

Construction

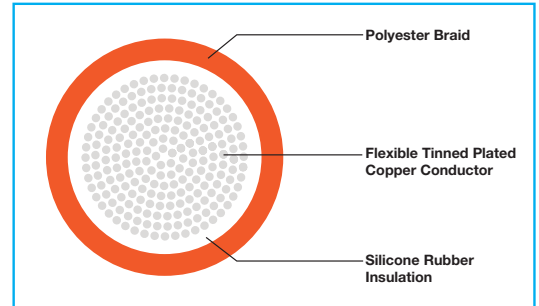
Flexible tinned copper single core silicone rubber insulated electric cables, covered with external polyester braid.

Applications

Used for wiring of high temperature and high performance control panels. This product is used where above normal performance is required for heat protection and where safety and reliability are of major concern.

Packaging

Available in 500 metre drums.
Cut lengths available on request.



Specification

Conductor Material	Flexible tinned plated copper
Conductor Class	5 CEI EN 60228
Flexibility Class	5
Insulation	Silicone rubber
Braid	Polyester braid
Voltage Rating	1.5kV
Temperature Rating	-60°C + 180°C on the conductor
Max Temperature of Short Circuit	350°C on conductor (max 5 seconds)
Bending Radius	Fixed installation: 4 x Outer Diameter
Sheath Colour	Orange



Technical Data

Product Code	Size mm ²	Insulation Thickness mm	Outer Diameter mm	Max cond. resist. at 20°C		Nominal Amp Rating	Cable Weight kg/km
				Red	Tinned		
SIAF/MT/POL1.5MM	1.5	1.0	4.0	13.3	13.7	42	26
SIAF/MT/POL2.5MM	2.5	1.1	4.7	7.98	8.21	55	38
SIAF/MT/POL4.0MM	4.0	1.2	5.4	4.95	5.09	60	53
SIAF/MT/POL6.0MM	6.0	1.2	6.0	3.30	3.39	80	72
SIAF/MT/POL10MM	10	1.2	7.0	1.91	1.95	110	114
SIAF/MT/POL16MM	16	1.4	8.4	1.21	1.24	150	174
SIAF/MT/POL25MM	25	1.6	10.0	0.780	0.795	185	263
SIAF/MT/POL35MM	35	1.6	11.2	0.554	0.565	240	353
SIAF/MT/POL50MM	50	1.8	12.9	0.382	0.393	300	503
SIAF/MT/POL70MM	70	1.8	14.6	0.272	0.277	415	696
SIAF/MT/POL95MM	95	2.0	16.5	0.206	0.210	450	901
SIAF/MT/POL120MM	120	2.0	18.3	0.161	0.164	545	1151
SIAF/MT/POL150MM	150	2.2	20.2	0.206	0.210	610	1414
SIAF/MT/POL185MM	185	2.3	22.1	0.106	0.108	700	1730