

SIAFGL Technical Data Sheet



Working Voltage	Test Voltage	Max. Temperature
300/500V	2000V	200c

<u>Conductor:</u>	Class 5 flexible tinned copper to EN(IEC-VDE) 60228
<u>Insulation:</u>	Silicone rubber
<u>Sheath:</u>	Glass fibre braid
<u>Standards:</u>	Absence of halogens (LSOH) to EN 50267-2-1 Low degree of acidity to EN 50267-2-2 Low emission of toxic smoke and gases to EN 61034-1 - EN 61034-2 Flame propagation test to EN 60332-1-2

Conductor (mm)	Stranding (mm)	Diameter (mm)	Insulation Thickness (mm)	Core Ø (mm)	External Ø (mm)	Max. Resistance @ 20c (Ohm/km)	Weight (Kg/km)
0.25	8 x 0.20	0.70	0.45	1.60	1.90 (± 0.10)	75.70	6.50
0.35	11 x 0.20	0.80	0.50	1.80	2.10 (± 0.10)	54.70	7.70
0.50	16 x 0.20	0.90	0.55	2.00	2.30 (± 0.10)	39.00	9.70
0.75	24 x 0.20	1.20	0.55	2.30	2.60 (± 0.10)	26.00	13.20
1.00	32 x 0.20	1.30	0.55	2.40	2.70 (± 0.10)	19.50	15.60
1.50	30 x 0.25	1.60	0.55	2.70	3.00 (± 0.10)	13.30	20.80
2.00	40 x 0.25	1.80	0.60	3.00	3.30 (± 0.10)	9.75	27.70
2.50	50 x 0.25	2.00	0.65	3.30	3.60 (± 0.10)	7.98	32.90
3.00	60 x 0.25	2.20	0.70	3.60	3.90 (± 0.10)	6.50	40.00
4.00	56 x 0.30	2.70	0.70	4.10	4.50 (± 0.20)	4.95	53.30
6.00	84 x 0.30	3.30	0.80	4.90	5.30 (± 0.20)	3.30	77.00
10.00	80 x 0.40	4.40	1.10	6.60	7.10 (± 0.20)	1.91	132.00
16.00	126 x 0.40	5.50	1.05	7.60	8.10 (± 0.20)	1.21	191.00
25.00	196 x 0.40	6.80	1.50	9.80	10.30 (± 0.20)	0.78	310.00