

Single Core Silicone High Temp Cable Zero Halogen 180°C 0.6/1kV

Single Core Silicone
 insulated Flexible
 180°C, 0.6/1kV



Cable Construction

- Conductors:**
Extra fine tinned copper to Class 5 international standards to ensure maximum flexibility.
- Insulation:**
Specially formulated insulation of silicone rubber allows operating conductor temperature of 180°C, while maintaining flexibility.
- Flame retardant, Zero Halogen and UV stabilized.

Temperature Range

-60 to +180°C static

Rated Voltage

0.6 - 1kV(450V - 750V VDE)

Relevant Standards

AS 5000.1

Maximum Conductor Temperature

180°C

Bending Radius

5 times diameter of cable

Typical Uses

Switchboards, Appliance wiring, stoves, ovens, public transport - railways etc, automotive and marine wiring.

The materials used in the manufacture of these cables are RoHS Compliant.

Available Colour

0.75mm²

Red, White, Blue, Black, Green/Yellow

1.0mm²

Red, White, Blue, Black, Green/Yellow, Brown, Grey

1.5mm²

Red, White, Blue, Black, Green/Yellow, Brown, Grey

2.5mm²&4mm²

Red, Blue, Black, Green/Yellow

6.0mm²

Red, Black, Green/Yellow

10mm² to 25mm²

Red, Black

TECHNICAL DATA

Part Number	Size mm ²	Nom. Stranding No./mm	Nom. Amps 40°C Spaced	Insulation Thickness mm	Nom. O.D. mm	Approx. Cable Weight Kg/Km
SIAF0.75	0.75	24/0.20	24	0.6	2.4	13.3
SIAF1.0	1.0	32/0.20	28	0.6	2.5	15.9
SIAF1.5	1.5	30/0.25	37	0.6	2.8	21.9
SIAF2.5	2.5	50/0.25	50	0.7	3.4	34.7
SIAF4.0	4.0	56/0.30	67	0.8	4.2	54.4
SIAF6.0	6.0	84/0.30	87	0.8	5.2	82.3
SIAF10	10	84/0.40	120	1.0	6.4	131.9
SIAF16	16	126/0.40	165	1.2	8.0	209.1
SIAF25	25	196/0.40	215	1.4	10.0	326.7

CMI Head Office NSW | (02) 9807 6155 | F3, 3-29 Birnie Ave, Lidcombe, NSW, 2141 | nswsales@cmielectrical.com.au

CMI QLD-Brisbane
 (07) 3863 0749
 485A Zillmere Road,
 Zillmere QLD 4034
 southqldsales@cmielectrical.com.au

CMI QLD - Rockhampton
 (07) 4921 0978
 Shop 3 at 76 Hollingsworth Street,
 North Rockhampton Qld 4701
 northqldsales@cmielectrical.com.au

CMI VIC
 (03) 9532 1233
 3 Dissik Street,
 Cheltenham VIC 3192
 vicsales@cmielectrical.com.au

CMI WA
 (08) 9358 1788
 36 Division Street,
 Welshpool WA 6106
 wasales@cmielectrical.com.au