

## Multicore Silicone High Temp Cable LSZH 180°C 0.6/1.0KV

Multicore Silicone  
Rubber Flexible  
180°C, 0.6/1.0KV



### Cable Construction

- Conductor:**  
Tinned copper conductors, all class 5 stranding.
- Insulation:**  
Silicone
- Sheath:**  
Silicone sheath of tear resistant compound.

### Operating Temperature

Working temperature -60°C to +180°C Static  
Minimum permissible ambient temperature -60°C  
Minimum ambient temperature for flexible operation -40°C  
Short term to 220°C

### Rated Voltage

0.6/1.0KV

### Properties

- Resistant to:
- High molecular oils
  - Animal and vegetable fats
  - Alcohols
  - Diluted acids
  - Low Smoke, Zero Halogen

### Typical Uses

- Electric signs, spotlights, public lighting
- Electric motor applications
  - Power supplies
  - Electrical appliances
  - Heavy industry
  - Medical areas
  - Railway and shipping construction

### Maximum Bending Radius

For fixed installation 4 x cable diameter  
For flexible installation 7.5 x cable diameter

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

## TECHNICAL DATA

Part Number	Size mm <sup>2</sup>	Nom. Stranding No./mm	Nom. O.D. mm	Approx. Cable Weight Kg/Km
SIHF2/1.0BN	2 x 1.0	32/0.20	6.6	76
SIHF3G0.75BN	3 x 0.75	24/0.20	6.8	76
SIHF3G1.0BN	3 x 1.0	32/0.20	7.4	93
SIHF3G1.5BN	3 x 1.5	30/0.25	8.0	117
SIHF3G2.5BN	3 x 2.5	50/0.25	9.7	179
SIHF4G0.75BN	4 x 0.75	24/0.20	7.8	101
SIHF4G1.0BN	4 x 1.0	32/0.20	8.1	113
SIHF4G1.5BN	4 x 1.5	30/0.25	8.8	145
SIHF4G2.5BN	4 x 2.5	50/0.25	10.6	222
SIHF4G4.0BN	4 x 4.0	56/0.30	13.2	346
SIHF4G6.0BN	4 x 6.0	84/0.30	15.6	497
SIHF5G1.0BN	5 x 1.0	32/0.20	8.8	136
SIHF5G1.5BN	5 x 1.5	30/0.25	9.6	175
SIHF5G2.5BN	5 x 2.5	50/0.25	11.6	268
SIHF7G0.75BN	7 x 0.75	24/0.20	9.2	148
SIHF7G1.5BN	7 x 1.5	30/0.25	10.4	220
SIHF12G1.5BN	12 x 1.5	30/0.25	14.6	413
SIHF19G1.5BN	19 x 1.5	30/0.25	17.0	591

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

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

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

**CMI VIC**  
(03) 9532 1233  
3 Dissik Street,  
Cheltenham VIC 3192  
[vicsales@cmielectrical.com.au](mailto:vicsales@cmielectrical.com.au)

**CMI WA**  
(08) 9358 1788  
36 Division Street,  
Welshpool WA 6106  
[wasesales@cmielectrical.com.au](mailto:wasesales@cmielectrical.com.au)