

## MULTICORE SILICONE HIGH TEMP CABLE LSZH 180°C 450/750V

Multicore Silicone  
Rubber flexible  
180°C 450/750V



### CABLE CONSTRUCTION

- 1. Conductor:** Tinned copper conductors, all class 5 stranding.
- 2. Insulation:** Silicone
- 3. 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

450/750V

### PROPERTIES

Resistant to: High molecular oils

Animal and vegetable fats

Diluted acids

Alcohols

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