

K. LACEY WIRES AND CABLES

SILICONE INSULATED WIRE

PRODUCT DESCRIPTION

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Solid or Stranded Copper conductors with Silicone Insulation, Halogen Free.

SIF - Flexible Single Core Tinned Copper conductors - Silicone Insulated

SIFF – as per SIF with highly flexible copper strands

SIF/GL – special heat resisting Silicone – Glass Fibre braid

SID – Solid Tinned Copper Conductor – Silicone Insulated

SID/GL – as per SID with Glass Fibre Braid

TEMPERATURE RANGE -60°C to +180°C

VOLTAGE RATING 300/500V (Test Voltage 2000V)

Colours Red, Blue, Green, Yellow, Black, White, Brown, Violet, Orange, Grey, Pink, Clear (Transparent)

TYPE	Area mm ²	AWG	O/Dia. mm	Weight Kg/Km
SIF	0.25	24	1.9	5.5
SIF	0.50	20	2.1	8.6
SIF	0.75	18	2.4	11.8
SIF	1.00	17	2.5	13.5
SIF	1.50	16	2.8	18.5
SIF	2.50	14	3.4	30.0
SIF	4.00	12	4.2	47.3
SIF	6.00	10	5.2	71.1
SIF	10.00	8	7.0	119.4
SIF	16.00	6	8.4	187.7
SIF	25.00	4	10.3	289.6
SIF	35.00	2	11.6	389.3
SIF	50.00	1	13.9	559.7
SIF	70.00	00	16.0	765.8
SIF	95.00	000	18.4	1031.5
SIF	120.00	0000	20.0	1284.6
SIF	150.00	300kcmil	23.0	1563.4
SIF	185.00	350kcmil	24.9	1858.2
SIFF	0.25	24	1.9	6.0
SIFF	0.50	20	2.1	10.0
SIFF	0.75	18	2.5	13.0
SIFF	1.00	17	2.5	15.0
SIFF	1.50	16	2.7	19.0
SIFF	2.50	14	3.0	32.0
SIFF	4.00	12	4.6	50.0
SIFF	6.00	10	5.7	73.0
SIFF	10.00	8	7.6	125.0

Minimum Bend Radius : 15 x Cable Dia. (SID for permanent installation only)

CONTACT US NOW FOR A QUOTATION

Tel. +44 (0) 1903 771336 Fax. +44 (0) 1903 255411 Email. sales@klaceyables.co.uk

INFORMATION GIVEN IS BASED ON GENERAL EXPERIENCE ONLY AND IS GIVEN IN GOOD FAITH. NO WARRANTY IS GIVEN WITH RESPECT TO THE INFORMATION AND USERS MUST DETERMINE THE SUITABILITY OF THE PRODUCT PRIOR TO ANY PARTICULAR USE.

AS9120 Rev A and ISO9001:2008 APPROVED BSI. RS000146 BAE APPROVED

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Sheet 2 of 2

TYPE	Area mm ²	AWG	O/Dia. mm	Weight Kg/Km
SIF/GL	0.25	24	2.4	7.7
SIF/GL	0.50	20	2.5	12.4
SIF/GL	0.75	18	2.8	16.2
SIF/GL	1.00	17	2.9	18.2
SIF/GL	1.50	16	3.2	23.4
SIF/GL	2.50	14	3.8	35.2
SIF/GL	4.00	12	4.6	53.5
SIF/GL	6.00	10	5.4	77.4
SIF/GL	10.00	8	7.6	129.2
SIF/GL	16.00	6	8.4	198.4
SIF/GL	25.00	4	10.2	303.0
SIF/GL	35.00	2	11.3	413.2
SIF/GL	50.00	1	13.4	577.8
SID	0.20	n/a	1.7	4.2
SID	0.28	n/a	1.8	5.1
SID	0.50	20	2.0	7.5
SID	0.75	18	2.1	10.2
SID	1.00	17	2.3	12.6
SID	1.50	16	2.5	18.1
SID	2.50	14	3.2	28.7
SID	4.00	12	3.9	45.2
SID	6.00	10	4.4	64.3
SID/GL	0.50	20	2.5	10.0
SID/GL	0.75	18	2.7	15.0
SID/GL	1.00	17	2.8	19.0
SID/GL	1.50	16	3.1	28.0
SID/GL	2.50	14	3.7	40.0
SID/GL	4.00	12	4.4	55.0
SID/GL	6.00	10	4.9	80.0

Minimum Bend Radius : 15 x Cable Dia. (SID for permanent installation only)

CUTTING AND STRIPPING SERVICE ALSO AVAILABLE

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