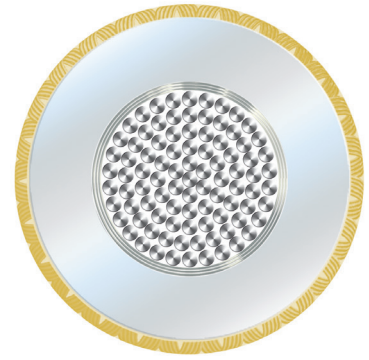


# SICT/MV/1.1 kV

-60°C / +180°C silicone insulated medium voltage cable



## Application

- Wiring of rotating machines: motors, alternators, generators.
- Wiring of static machines: transformers, inductors, inverters, choppers.
- Shipbuilding and railway construction.
- Power supply

## Cable Design

Conductor	Flexible Class 5 tinned copper acc. to IEC 60228 CL5
Insulation	Separator tape
Insulation	Silicone rubber
Insulation	Coated synthetic reinforcing braid.

## Standards

Fire resistant	acc. to IEC 60331
Non flame propagation	acc. to IEC 60332-1
Non fire propagation	acc. to IEC 60332-3

## Characteristics

Continuous working temperature : - 60°C to +180°C. Peaks at +230°C.
Working Voltage : 1,1 kV
Test Voltage : 3,5 kV
Good resistance to thermal shock and UV
Excellent ageing resistance.
Good resistance to ozone and the corona effect.
Excellent mechanical strength.
Flexing bending radius: 5 x cable diameter (Ø)



# SICT/MV/1.1 kV

-60°C / +180°C silicone insulated medium voltage cable

## Specification

Nominal Conductor Area	Nominal Conductor Stranding	Max. Linear Resistance at 20°C	Nom. overall Diameter	Approximate Cable Weight
<i>mm<sup>2</sup></i>	<i>#/mm</i>	<i>Ohm/km</i>	<i>mm</i>	<i>kg/km</i>
1,5	30 x 0,25	13,7	3,8	29
2,5	50 x 0,25	8,21	4,3	37,8
4	56 x 0,30	5,09	4,9	58,5
6	84 x 0,30	3,39	6,0	76,6
10	80 x 0,40	1,95	7,0	121
16	126 x 0,40	1,24	8,6	178
25	196 x 0,40	0,795	10,4	273
35	276 x 0,40	0,565	11,9	376
50	396 x 0,40	0,393	14,1	534
70	360 x 0,50	0,277	15,9	738
95	485 x 0,50	0,210	18,2	970

*Belcom Cables Ltd. ("Belcom") reserves the right to make changes to the product described in this specification without prior notice. Belcom does not assume any liability which may occur due to the use of the specification described herein. Drawings are not to scale unless otherwise specified and are provided for general and informational purposes only. All values represented in this specification should be used as a guide only and exact product details can be confirmed at point of enquiry.*