

HIGH TEMPERATURE WIRES AND CABLES  
FOR THE GENERAL MARKET  
SECTION I: CROSS LINKED ELASTOMERS

SILICONE INSULATED AND/OR SHEATHED  
WIRES AND CABLES

# SILICABLE® M-CS-TBT

## -60 °C to +180 °C



- 1 • Flexible bare copper core – class 5 as per IEC 60228.
- 2 • Insulation: Silicone rubber.

### Approvals - standards

- Meets the requirements of standards for low voltage lighting systems: NF EN 60598-1, NF EN 60598-2-xx and UTE C 15-559.
- Halogen-free: IEC 60754-1 / EN 60754-1.

### Applications

- Cabling for low voltage lighting systems.

### Options

- Tin-plated copper core: ref. M-ECS-TBT.
- Nickel-plated copper core: ref. M-CNCS-TBT.
- Identification using a coloured longitudinal stripe on one of the two conductors: contact us.
  - Other colours: contact us.
- UL approval 200 °C 1000 V (Style 4457): contact us.
- Other nominal cross-sections: contact us.

### Characteristics

#### General

- Continuous operating temperatures: -60 °C to +180 °C.
- Good resistance to thermal shock and UV.

#### Electrical

- Rated voltage: 300 V.
- Test voltage: 2000 V.

### Standard products

- Standard insulation colour: white.
- Identification by marking on one of the 2 conductors.

### M-CS-TBT

#### Flexible core • class 5 as per IEC 60228

Nominal cross-section (mm <sup>2</sup> )	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km)
2 x 0.5	16 x 0.20	39.0
2 x 0.75	24 x 0.20	26.0
2 x 1	32 x 0.20	19.5
2 x 1.5	30 x 0.25	13.3
2 x 2.5	50 x 0.25	7.98

#### INSULATED WIRE

Nominal thickness of insulation (mm)	Nominal dimensions (mm)	Approximate linear weight (kg/km)
0.6	2.1 x 4.4	15.8
0.6	2.4 x 5.0	22.0
0.6	2.5 x 5.2	26.7
0.6	2.8 x 5.8	36.6
0.7	3.4 x 7.0	58.2

For this product, please contact:

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LES CABLES DE L'EXTREME