

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

SILICABLE® Type B, L, C2 and D2 Illuminated sign cables

◁HAR▷

Approvals - standards

- Halogen-free: EN 50143 / EN 60754-1 / EN 60754-2.
- USE ◁HAR▷ approval as per NF EN 50143 for type B and L.

Applications

- Cables for illuminated signs and illuminated discharge tubes.

Options

- Other colours: contact us.

Characteristics General

- Continuous operating temperatures: -60 °C to +180 °C (Types B and L).
-30 °C to +90 °C (Types C2 and D2).
- Good resistance to thermal shock and UV.

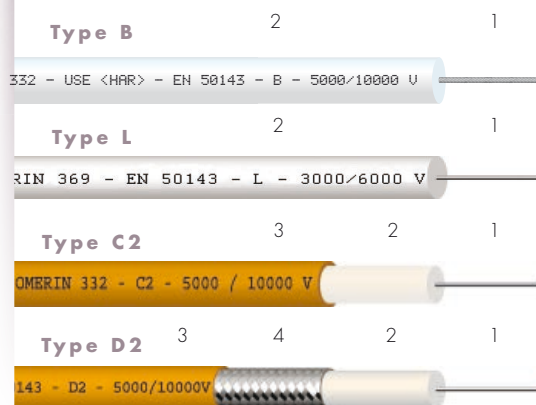
Electrical

- Rated voltage: 5/10 kV (Types B, C2 and D2).
3/6 kV (Type L).
- Test voltage: 15 kV for 5 min (Type B, C2 and D2).
7.5 kV for 5 min (Type L).

Standard products

- Types B and L: white, grey or colourless.
- Types C2 and D2: > Insulation: white.
> Sheathing: orange.

SILICONE INSULATED AND/OR SHEATHED WIRES AND CABLES



- 1 • Flexible tin-plated copper core - class 5 as per IEC 60228 / EN 60228.
- 2 • Insulation: Silicone rubber - type EI2 - EN 50363-1.
- 3 • Outer sheath: HFFR - type ZM1 - NF EN 50143.
- 4 • Electrical shielding: Tin-plated copper braid.

Type B, L, C2 and D2

Reference	Flexible core • class 5 as per IEC 60228			INSULATED WIRE			
	Nominal cross-section (mm ²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km) (tin-plated copper core)	Nominal thickness of insulation (mm)	Nominal thickness of the sheathing (mm)	Nominal diameter (mm)	
Type B	1	32 x 0.20	20.0	2.5	-	min. 6.0	max. 7.2
Type L	1	32 x 0.20	20.0	-	-	5.0	-
Type C2	1	32 x 0.20	20.0	2.5	0.9	7.8	9.0
Type D2	1	32 x 0.20	20.0	2.5	0.9	8.8	10.2

For this product, please contact:

OMERIN division principale

Zone Industrielle - F 63600 Ambert
Tel. +33 (0)4 73 82 50 00 - Fax +33 (0)4 73 82 50 10
omerin@omerin.com

Omerin division siliisol

BP 87 - ZI du Devey - F 42000 Saint-Etienne
Tel. +33 (0)4 77 81 36 00 - Fax +33 (0)4 77 81 37 00
siliisol@omerin.com

omerin
LES CABLES DE L'EXTREME

www.omerin.com

® Registered trademark of the OMERIN Group. All information is indicative and may be modified without prior notice. Drawings and photos are not contractual. Reproduction is prohibited without the prior agreement of OMERIN.