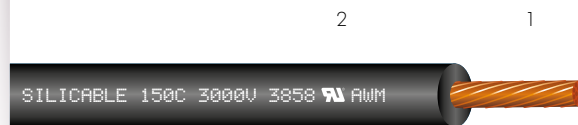


HIGH TEMPERATURE WIRES AND CABLES FOR
THE GENERAL MARKET
SECTION I: CROSS LINKED ELASTOMERS

SILICONE INSULATED AND/OR SHEATHED
WIRES AND CABLES

SILICABLE®
Style 3858
-60°C to +150°C



- 1 • Extra-flexible bare copper core.
2 • Silicone insulation.

Approvals - standards

- UL approval as per standard UL 758 - File no.: E101965.
 - Conductor resistance according to IEC 60228 class 6.
- Flame resistance according to IEC 60332-1-2.
- Low smoke toxicity according to IEC 61034-2.
 - Halogen free according to IEC 60754.

Applications

- Switchboards, Power cabinets.
 - Battery energy storage.
- Cabling for static machines: transformers, inductors, inverters, choppers.
- Railway Industry (current collector, etc.)

Options

- Extra-flexible tin-plated, silver-plated or nickel-plated copper core.
 - Other markings: contact us.
 - Other colours: contact us.
- Other nominal cross-sections: contact us.

Characteristics

General

- High flexibility due to 0.10mm strand of core.
- Continuous operating temperatures: -60°C to +150°C.
- Good resistance to thermal shock and UV.
- Standard color: black.

Electrical

- Nominal working voltage: 3 kV.
- Test voltage: 10 kV.

Marking

- OMERIN 369 – SILICABLE 150C 3000V 3858 AWM.

SILICABLE® Style 3858

Part number	Extra-flexible core		INSULATED WIRE OR CABLE		
	Nominal cross-section (mm ²)	Nominal diameter of strands (mm)	Minimum nominal insulation thickness (mm)	Nominal external diameter (mm)	Max. linear resistance at 20°C (Ω/km)
A0752002	35	0.10	1.75	13.8	0.554
A0752003	50	0.10	1.75	15.5	0.386
A0752004	70	0.10	1.75	18.0	0.272
A0752005	95	0.10	1.75	20.0	0.206
A0752006	120	0.10	1.75	21.5	0.161
A0752007	150	0.10	1.75	23.5	0.129
A0752008	185	0.10	1.80	26.0	0.106
A0752001	240	0.10	1.80	30.0	0.0801
A0752009	300	0.10	1.95	32.5	0.0641

For this product, please contact:

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The information provided in this technical data sheet is indicative and may be modified without prior notice, laying, wiring and electrical conditions and the environment of the cable can not be fully considered in our studies. In some cases, for production purposes, a separating tape may be added between two successive layers. In no way the company OMERIN shall be held responsible for any incidents in the case of inappropriate uses, particularly in the case of wiring conditions that do not respect the good practice and the standards in force. For an optimum use of the cables produced by our company, we recommend testing in real conditions. Our sales department is available for a possible provision of samples, and/or for the conditions of a complete study in our laboratories. © Registered trademark of the OMERIN Group. Drawings and photos are not contractual. Reproduction is prohibited without the prior agreement of OMERIN.

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LES CABLES DE L'EXTREME