

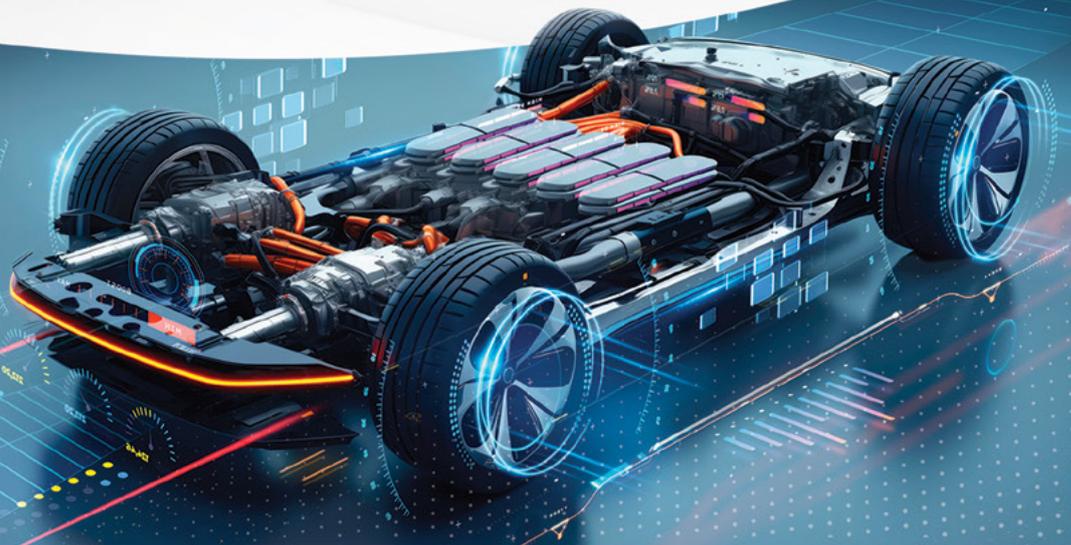
# SILICABLE®



## High voltage cables for **e**Mobility



- LV 216 and ISO 19642
- Single and multicore cables
- Double electromagnetic shielding
- High current carrying capacity
- Fire resistant
- Excellent flexibility
- Reduced or standard walls
- Halogen-free
- Custom cable:
  - Extra flexible strand
  - Cross-sections  $\geq$  than 120 mm<sup>2</sup>
  - Hybrid construction



FHLR2G-C

FHL2G-C

FHLR2G LV216

FHLR2GCB2G-C

FHLR2GCB2G LV216

FHLR2G2G-C Multi

FHLR2GCB2G-C Multi

FHLR2GCB2G LV216 Multi

FHLR6YBCF2G

**omerin**  
LES CABLES DE L'EXTREME

[www.omerin.com](http://www.omerin.com)

Single and multicore silicone power cable for use in hybrid and electrical vehicles.

**SINGLE CORE**

**SILICABLE®**  
**FHL2G-C**

ATTENTION ⚡ HIGH VOLTAGE

Nominal Cross section: 0,5 to 120 mm<sup>2</sup>

**SILICABLE®**  
**FHLR2G-C**

ATTENTION ⚡ HIGH VOLTAGE

Nominal Cross section: 4 to 95 mm<sup>2</sup>

**SILICABLE®**  
**FHLR2GCB2G-C**  
**Shielded**

ATTENTION ⚡ HIGH VOLTAGE

Nominal Cross section: 10 to 95 mm<sup>2</sup>

**Specific characteristics**

- **Voltage rating: 1000 VAC / 1500 VDC**
- Excellent flexibility
- Flame retardant
- Halogen-free
- Bending radius: 3 x D

**SINGLE CORE**

**SILICABLE®**  
**FHLR2G LV216**

ATTENTION ⚡ HIGH VOLTAGE

**SILICABLE®**  
**FHLR2GCB2G LV216**  
**Shielded single core**

ATTENTION ⚡ HIGH VOLTAGE

**Specific characteristics**

- **Voltage rating: 600 VAC / 1000 VDC**
- Excellent flexibility
- Flame retardant
- Halogen-free
- Bending radius: 3 x D
- Nominal Cross section: 4 to 120 mm<sup>2</sup>

**MULTICORE**

**SILICABLE®**  
**FHLR2G2G-C**

ATTENTION ⚡ HIGH VOLTAGE

**SILICABLE®**  
**FHLR2GCB2G-C**  
**Shielded multicore**

ATTENTION ⚡ HIGH VOLTAGE

**SILICABLE®**  
**FHLR6YBCF2G**  
**Shielded multicore**

ATTENTION ⚡ HIGH VOLTAGE

**Specific characteristics**

- Cross-sections < 10 mm<sup>2</sup>:
  - **Voltage rating: 600 VAC / 900 VDC**
- Cross-sections ≥ 10 mm<sup>2</sup>:
  - **Voltage rating: 1000 VAC / 1500 VDC**
- Excellent flexibility
- Flame retardant
- Halogen-free
- Bending radius: 3 x D
- Nominal Cross section: 1,5 to 16 mm<sup>2</sup>

**Specific characteristics**

- **Voltage rating: 600 VAC / 900 VDC**
- Excellent flexibility
- Flame retardant
- Hybrid construction

**MULTICORE**

**SILICABLE®**  
**FHLR2GCB2G LV216**  
**Shielded multicore**

ATTENTION ⚡ HIGH VOLTAGE

**Specific characteristics**

- **Voltage rating: 600 VAC / 1000 VDC**
- Excellent flexibility
- Flame retardant
- Halogen-free
- Bending radius: 3 x D
- Nominal Cross section: 1,5 to 6 mm<sup>2</sup>

Before they are introduced on the market, all the products of the OMERIN Group undergo numerous tests and quality controls at each step in the production process, from their development through to final packaging.

Our R&D, in close coordination with our Applied Research Laboratories, works every day to develop new products and solutions that meet the specifications of our customers, comply with the highest standards, and withstand the most extreme operating conditions.

Our Process and Industrialisation Engineering teams continue to optimise and modernise our processes, tools and production systems.



# Cable factory fully dedicated to e-Mobility solutions

**Europe's largest  
High-Voltage cable factory**

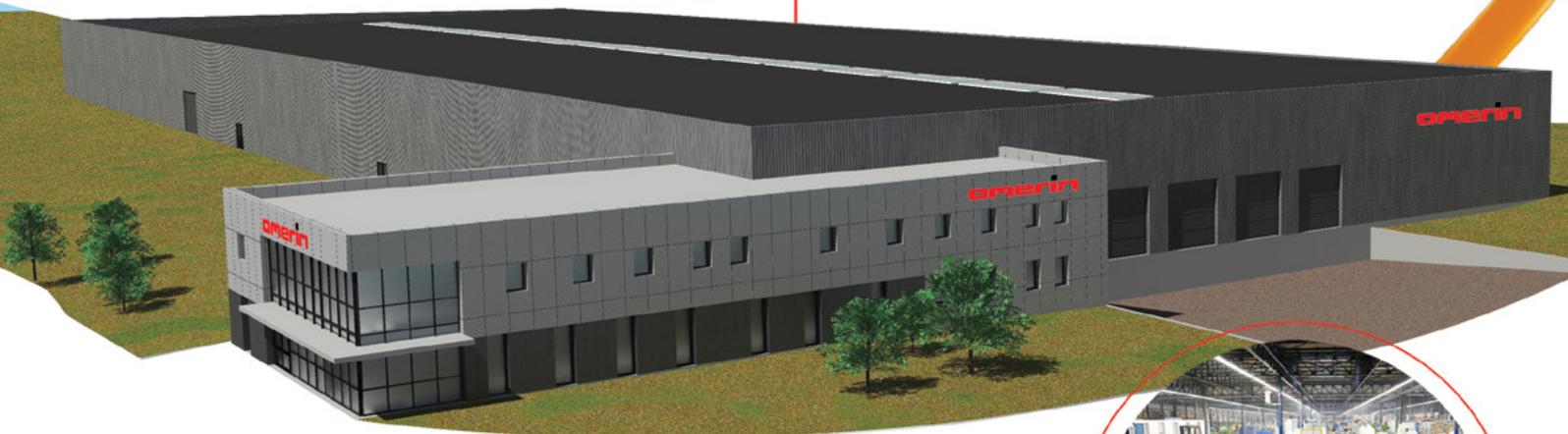
**Huge production capacity**

**Latest technology  
& equipment**



**Massive storage capacity**

**More than 12 000 m<sup>2</sup>  
production area**



**The OMERIN Group is investing more than 20M€ to build a new 12000m<sup>2</sup> plant in France.**

The plant will be operational in 2025. It will be certified to the industry leading IATF 16949 automotive standard and will be home to a next-generation, ultra-modern industrial tool to comply with the most stringent market standards.

The OMERIN Group is determined to become a major player in the decarbonisation of transport, and this will require major investments to develop its offer and expand its presence on the eMobility market.



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