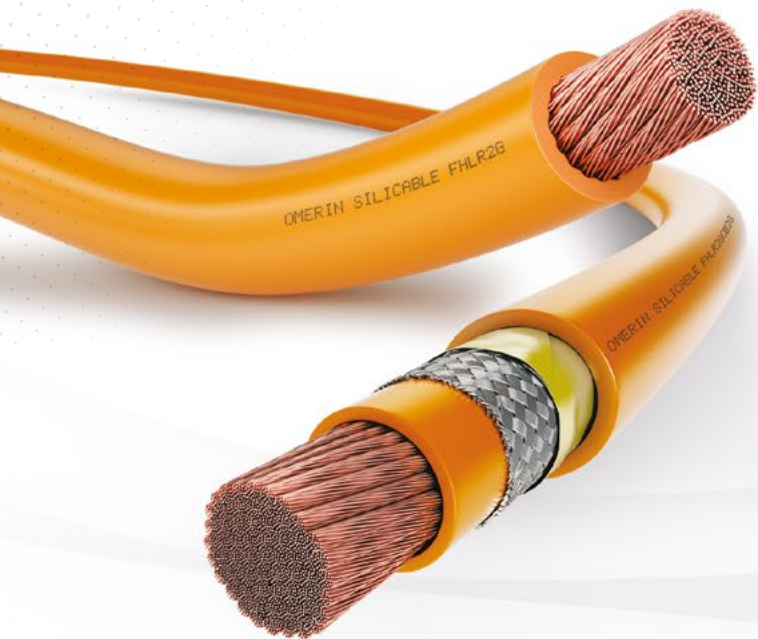


SILICABLE®

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 mm²
 - Hybrid construction

FHLR2G-C

FHL2G-C

FHLR2G LV216

FHLR2GCB2G-C

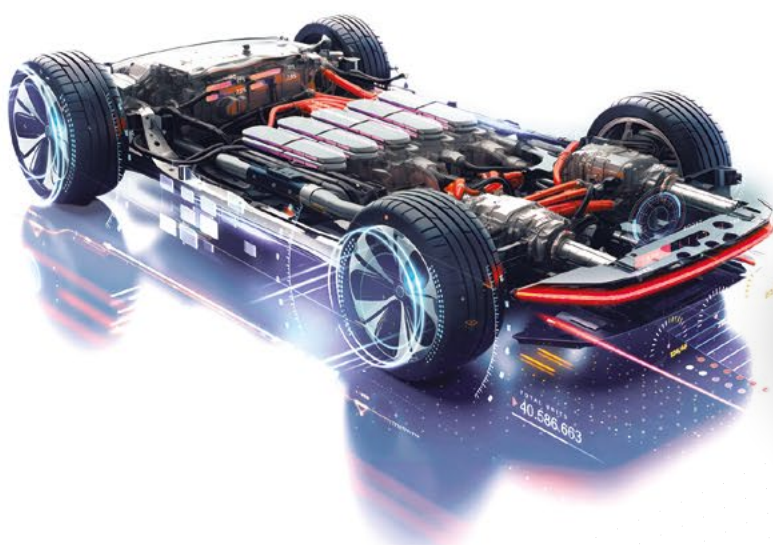
FHLR2GCB2G LV216

FHLR2G2G-C Multi

FHLR2GCB2G-C Multi

FHLR2GCB2G LV216 Multi

FHLR6YBCF2G



omerin
eMobility|division

www.omerin.com

High voltage cables ISO 19642

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 mm²

SILICABLE®
FHLR2G-C

ATTENTION & HIGH VOLTAGE

Nominal Cross section: 4 to 95 mm²



SILICABLE®
FHLR2GCB2G-C
Shielded



ATTENTION & HIGH VOLTAGE

Nominal Cross section: 10 to 95 mm²

Specific characteristics

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

MULTICORE

SILICABLE®
FHLR2G2G-C

ATTENTION & HIGH VOLTAGE

SILICABLE®
FHLR2GCB2G-C
Shielded multicore

ATTENTION & HIGH VOLTAGE

SILICABLE®
FHLR6YBCF2G
Shielded multicore

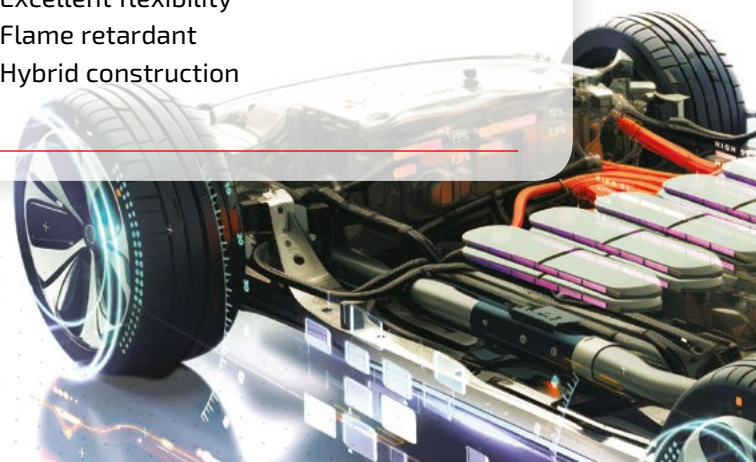
ATTENTION & HIGH VOLTAGE

Specific characteristics

- Cross section < 10 mm²:
 - **Voltage rating: 600 VAC / 900 VDC**
- Cross section ≥ 10 mm²:
 - **Voltage rating: 1000 VAC / 1500 VDC**
- Excellent flexibility
- Flame retardant
- Halogen-free
- Bending radius: 3 x D
- Nominal Cross section: 1,5 to 16 mm²

Specific characteristics

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



High voltage cables LV 216

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

SINGLE CORE

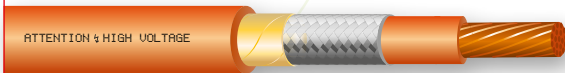
SILICABLE®
FHLR2G LV216

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 mm²



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 mm²

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.



A NEW 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 m² production area



The OMERIN Group is investing more than 20M€ to build a new plant in France.

The plant will be operational in the second quarter of 2026. 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.



OMERIN eMobility division
63190 ORLÉAT - France

+33 (0)4 73 82 75 60
emobility@omerin.com