SILICABLE®

HIGH VOLTAGE CABLES FOR eMobility

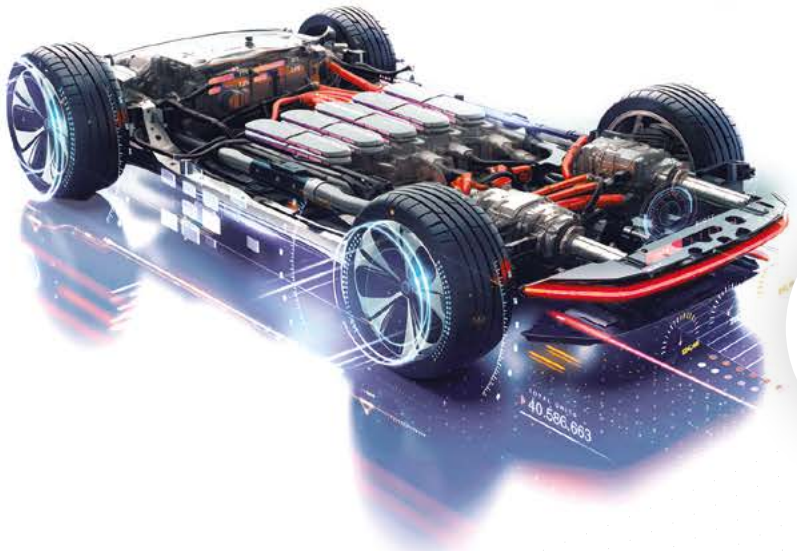
MADE IN FRANCE



- 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 ≥ than 120 mm²
  - Hybrid construction

Available in ISO and LV standards:

FHL2G	FHLR2GCB2G	FHLR2G2G Multi
FHLR2G	FHLALR2GCB2G	FHLR2GCB2G Multi





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 ISO

schunk Compatible



Nominal Cross section: 0,5 to 120 mm²

SILICABLE®
FHLR2G ISO

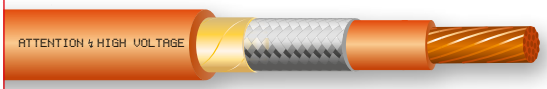
schunk Compatible



Nominal Cross section: 10 to 95 mm²

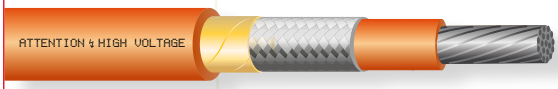
SILICABLE®
FHLR2GCB2G ISO
Shielded

TÜVRheinland schunk Compatible



Nominal Cross section: 10 to 95 mm²

SILICABLE®
FHLALR2GCB2G ISO
Shielded



Nominal Cross section: 4 to 95 mm²

Specific characteristics
- **Voltage rating: 1000 VAC / 1500 VDC**
- Excellent flexibility
- Halogen-free
- Flame retardant

MULTICORE

SILICABLE®
FHLR2G2G ISO



SILICABLE®
FHLR2GCB2G ISO
Shielded multicore



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
- Nominal Cross section: 4 to 16 mm²

SILICABLE®
FHLR6YBCF2G
Shielded multicore



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®
FHL2G LV

Compatible



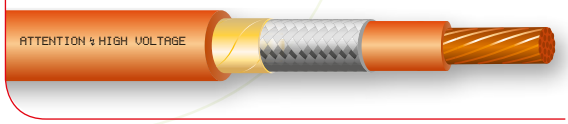
SILICABLE®
FHLR2G LV

Compatible

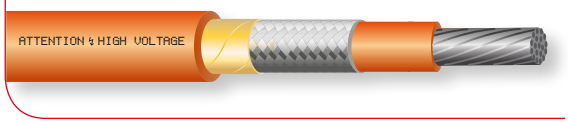


SILICABLE®
FHLR2GCB2G LV
Shielded

Compatible



SILICABLE®
FHLALR2GCB2G LV
Shielded



Specific characteristics

- **Voltage rating: 600 VAC / 1000 VDC**
- Excellent flexibility
- Flame retardant
- Halogen-free
- Nominal Cross section: 4 to 120 mm²

MULTICORE

SILICABLE®
FHLR2G2G LV



Specific characteristics

- **Voltage rating: 600 VAC / 1000 VDC**
- Excellent flexibility
- Flame retardant
- Halogen-free
- Nominal Cross section: 4 to 6 mm²

SILICABLE®
FHLR2GCB2G LV
Shielded multicore













omerin
eMobility|division

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.

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.

Objectif IATF 16949

ISO 9001 BUREAU VERITAS 1828

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