



Let there be light.
Electrical Appliance Cables

The Quality Connection

LEONI

The Electrical Appliance Cables business unit is among the most significant suppliers to system manufacturers in the equipment and lighting industry. Moreover, the business unit offers a wide product range of standard and special cables for building wiring and customer-specific applications.

Product range

The product range stretches from single- and multi-core cables harmonised to European standards through to cables complying with US and Canadian standards. Working together with our customers in the development of specific solutions has particularly high priority.

LEONI benefits from a wide product line-up of adequate materials:

- Extruded PTFE
- Thermoplastic fluoropolymers
PFA, MFA, FEP, ETFE, ECTFE, PVDF
- Silicone
- Thermoplastics LDPE, HDPE, PA, PP, PVC
- Thermoplastic elastomers TPE-U, TPE-E, TPE-O
- Elastomers EPDM, EPR, EVM, CR, FKM/FPM
- Special thermoplastics PI, PEEK, PEI, PEIC



High temperature cables

LEONI's product line-up covers a temperature range from $-190\text{ }^{\circ}\text{C}$ to $+1,250\text{ }^{\circ}\text{C}$. An additional cross linking process can further increase the resistance of the cables. The flexibility of the cable for many applications is maintained regardless of the temperature.

Extract from the product range:

- FEP wiring cable, double insulated 300/500 V
- FEP wiring cable, 300/500 V
- PTFE single-core cable, 0.6/1 kV, optional with PTFE or PFA protective sheathing
- PTFE wiring cable, 300/500 V
- PTFE wiring cable, double insulated 300/500 V
- PTFE-PFA wiring cable, double insulated 300/300 V

The cables are with VDE registration.

Applications:

- Lighting systems
- Heating and air conditioning systems
- Fire alarm systems
- Safety for buildings
- Building services

Halogen-free cables

No way to by-pass halogen-free, flame-resistant and low-smoke. Considering aspects like the preservation of nature and safety in case of fire, LEONI offers appropriate insulating materials in single- and multi-core designs with and without approvals (e.g. VDE, UL).

Extract from the product range:

- Single-core cables complying with VDE as well as H05Z1-.../H07Z1-... or H05Z-.../H07Z-...
- Standard cables without VDE approval made to customer specifications
- Multi-core pipe conduit with VDE-HAR approval of the H05Z1Z1-.../H03Z1Z1-... product family

Applications:

Installations in buildings with a high density of persons and assets:

- Office buildings
- Hospitals
- Department stores
- Airports

LEONI – worldwide



Facilities Electrical Appliance Cables business unit:

- **Germany**

LEONI Kabel GmbH, Roth

LEONI HighTemp Solutions GmbH, Halver

- **China**

LEONI Cable (Changzhou) Co. Ltd., Changzhou

- **Mexico**

LEONI Cable S.A. de C.V., Cuauhtémoc

- **Poland**

LEONI Kabel Polska Sp. z o.o., Kobierzyce

- **Slovakia**

LEONI Slovakia spol. s.r.o., Nová Dubnica

- **Turkey**

LEONI Kablo ve Teknolojileri Sanayi ve Ticaret Ltd. Sirketi,
Gemlik

Quality and environment

LEONI is certified according to ISO/TS 16949:2002 and ISO 14001.

Further production capabilities:

- Single- and multi-core harmonised cables
- UL and CSA cables
- Customer-specific cable solutions
- Earthing ropes

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