

Customer-specific special cables for rolling stock



Design features include

- Use of highly flexible copper strands, classes 5 and 6 according to DIN EN 60228 / VDE 0295
- High tensile strength with integrated Kevlar® supporting web
- Thin-wall versions
- Halogen-free according to DIN VDE 0472-815 / EN 50267-2-1
- Non-fire-propagating according to DIN 50265-2-1 / IEC 60332-1, as well to DIN 50266-2 / IEC 60332-3
- Ozone resistance according to EN 50305 Section 7.42
- Temperature range from -30 °C to +100 °C
- Low smoke density
- Low fire load
- Low toxicity
- Weather resistant
- Designed for easy insulation and jacket removal
- Resistant to acids and alkalis
- Resistant to oil and fuel

Details often make the difference in the performance and safety of a cable. Special cable solutions from LEONI are exactly attuned to your application for optimal functionality, regardless of whether it is a flexible or stationary application.

The individual cable design and the use of specially developed sheath and insulation materials enables high thermal and mechanical resistance. LEONI specialcable solutions are produced according to national and international standards for the railway industry.

Our additional services

- Production of short lengths (starting at 100m of cable)
- Prototype cables
- Realisation of cable design
- Finished cable within a few weeks
- Patented solutions for energy cables with high currents with higher frequencies up to square current flow (skin effect and EMC-optimised)