

Coroflex

ACTIVE
COOLED

Unleash the potential of Coroflex wires & cables ...

... for your electrified journey!

A pioneer in electric mobility

Your satisfaction is our top priority, and we are committed to delivering solutions that exceed your expectations. Based on extensive experience our innovative development and customized solutions are the driver for trendsetting harnesses.

Quality that moves

Quality is key to our commitment to enhance the lifespan and performance of our cables across all types of vehicles. Discover our products for your electrified application, state-of-the-art wheel arch, and high-speed data solutions.

Globally networked, locally present

With locations in Wuppertal, Poland, USA, and China, we are always close to the needs of our customers.



Reliable High-Voltage Cables product overview

Our cables stand for maximum safety and proven quality – trusted for years in mass production by leading automotive manufacturers and used across various mobility sectors.

Our cables are available as:

Copper Cables

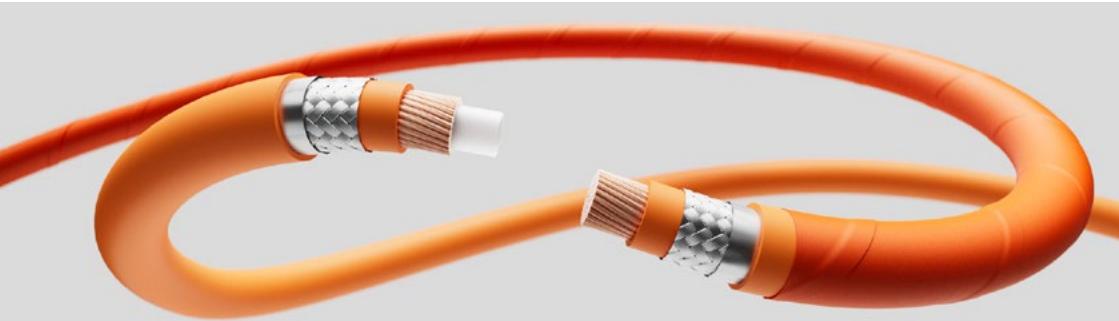
- › Single-core (shielded/unshielded):
High conductivity and robustness – ideal for energy efficiency and EMC protection.
Also available as a space-saving, actively cooled high voltage cable.
- › Multi-core (shielded/unshielded):
Flexible, space-saving, high performance – ideal for complex systems.

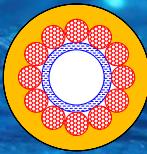
Aluminum Cables

- › Single-core (shielded/unshielded):
Light-weight and cost-efficient – solid performance with reduced weight. Also available as a space-saving, actively cooled high voltage cable.

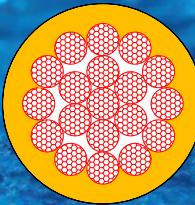
We're more than just silicone – discover our thermoplastic sensor cables!

Engineered for high bending and torsional dynamics, they deliver reliable performance in axle and wheel arch applications.





Copper 35 mm²
**Cooled Silicone
HV-Cable**
710 g/m | Ø 16.4 mm



Copper 170 mm²
**Uncooled Silicone
HV-Cable**
1810 g/m | Ø 24.5 mm

More Power. Less Weight.

Our cables stand for maximum safety and proven quality – trusted for years in mass production by leading automotive manufacturers and used across various mobility sectors.

Developed in close collaboration with renowned OEMs, the solution is available in conductor cross-sections ranging from 35 mm² to 200 mm², ensuring optimal performance across a wide range of applications.

Revolutionize your cable design

With optimized conductor cross-sections, you achieve up to 60 % weight savings and 33 % of the cable diameter compared to uncooled high-voltage cables.

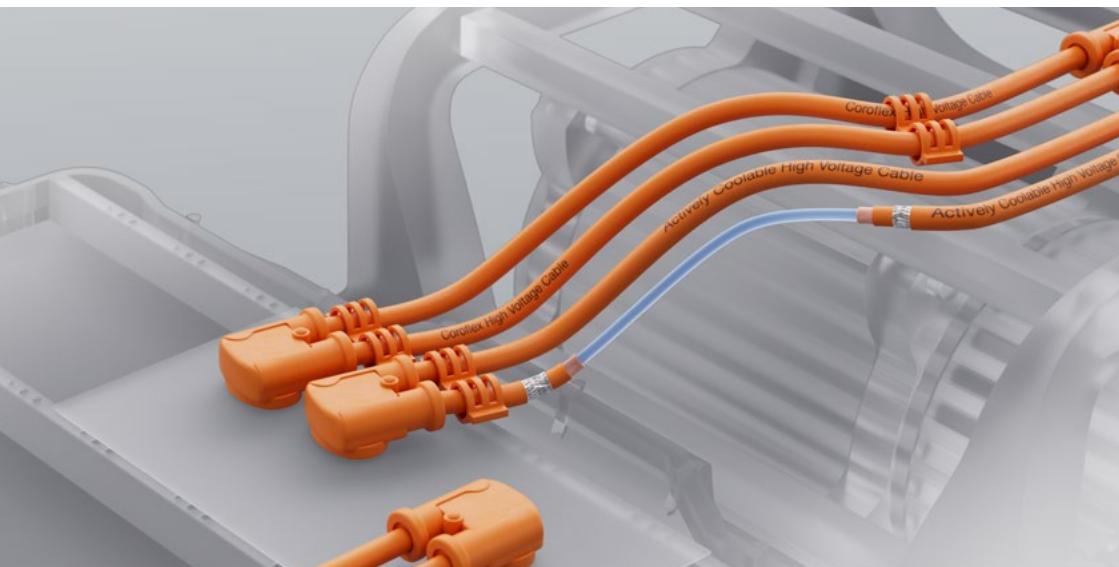


Contact us

For derating simulations to demonstrate the benefits of Coroflex actively cooled cables.

Your benefits of actively cooled High-Voltage Cables

- › **Weight Reduction:** Smaller conductor sizes significantly reduce overall system weight
- › **Performance Increase:** Higher power loads transferred in shorter cycles
- › **Ambient Independence:** High-Voltage-harnesses operate independently of ambient temperatures
- › **Modular Technology:** High-Voltage Cable shielded or unshielded, copper or aluminum – your choice
- › **Cost Efficiency:** Reduced material usage conserves resources and lowers cost
- › **Size Variety:** Available in conductor cross-sections ranging from 35 mm² to 200 mm², tailored to your specific application needs



Locations worldwide



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