

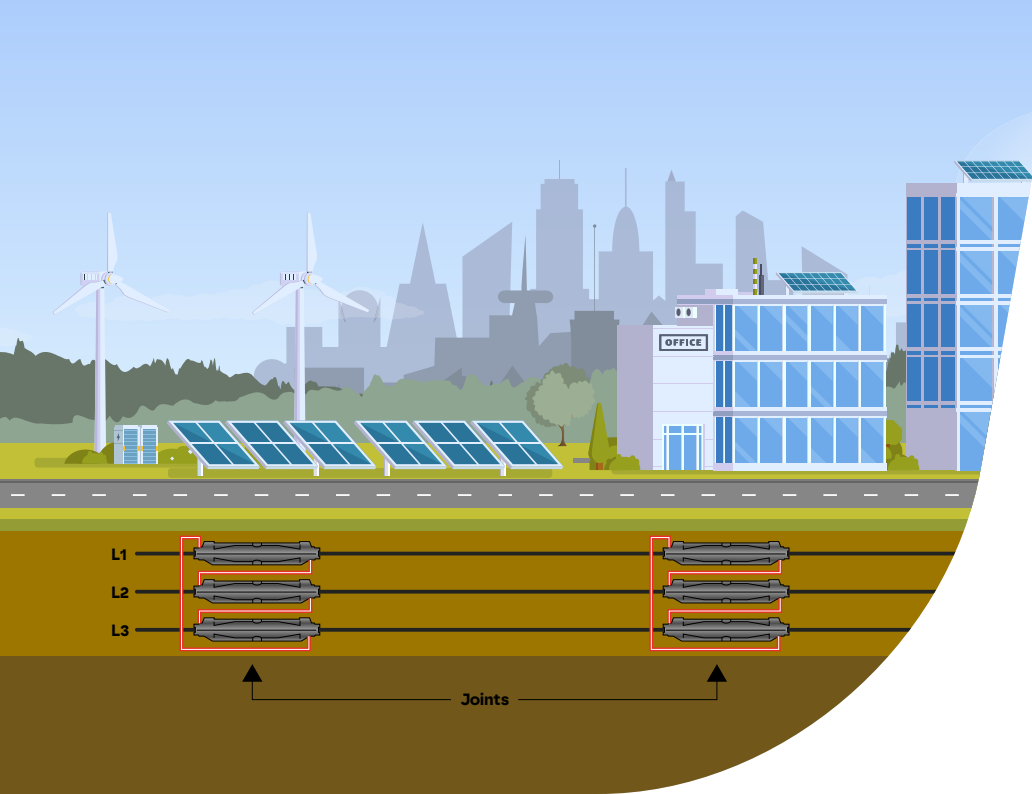


**Dedicated
to a higher
standard.**

Connect with Lovink

Cross-bonding joints for Renewables

Proven jointing solutions for renewable MV networks



From generation to grid – reliable connections

The rapid growth of wind and solar energy places new demands on medium-voltage networks. Long cable routes, higher loads and increasing harmonic frequencies require solutions that are not only technically sound, but also commercially smart. Lovink supports renewable energy projects with cable jointing solutions that safeguard performance, reduce losses and accelerate returns.

LoviSil® Cross-bonding joint

Long cable lengths and high loads can induce currents in the cable screen, leading to overheating, energy losses and reduced current-carrying capacity. These effects shorten cable lifespan, compromise safety and can significantly increase maintenance costs. The LoviSil® Cross-bonding joint reduces the induced screen currents, preventing overheating and minimising losses.

The result is improved efficiency, longer cable life and a faster payback time - without the need for larger cable diameters. The joint can be installed and energised immediately, ensuring continuity in demanding renewable energy networks.

LoviSil® Cross-bonding joints

Voltage	Type	Cable	conductor size (mm²)	Diameter conductor crossed conductor (mm²)	Max. cross section for crossed cores (mm)
12 kV	M75	Polymeric (1 core)	95-630	N/A	72
	M85	Polymeric (1 core)	800-1.000	N/A	82
24 kV	M75	Polymeric/paper (1 core)	95-240	N/A	72
	M85	Polymeric (1 core)	300-630	N/A	82
	M105	Polymeric (1 core)	800-1.000	N/A	105
36 kV	M85	Polymeric (1 core)	70-500	N/A	82
	M105	Polymeric (1 core)	630-1.000	N/A	105

Lovink joints are tested and certified in accordance with CENELEC HD 629 and IEEE 404, ensuring proven performance and reliability.

A selection of our solutions

LoviSil® M Series *Universal transition and straight joint for a wide range of cable types, reliable in complex network conditions.*

LoviSil® KB Series *Branch joint enabling cable-saving branching in medium-voltage networks.*

LoviSil® CB Series *Cross-bonding joint for controlled earthing and optimal network performance.*

LoviSil® oil refill solution *Reliable solution for extending the service life of oil-filled cables.*

LoviX® R Series *Joint with cold-shrink technology for fast installation and robust performance.*

See al our solutions at
lovink-enertech.com



Royal Lovink - Dedicated to a higher standard

For more than a century, Lovink Enertech has delivered cable jointing solutions for medium-voltage networks where failure is not an option. What started as a family business has evolved into a trusted international partner for grid operators, the renewable energy sector and industries that demand uncompromising reliability, safety and long-term performance.

Specialised solutions

When standard products are no longer sufficient, Lovink delivers specialised solutions that go further. Technically advanced, easy to install and built on trust. By combining deep expertise in electrical engineering, chemistry and mechanical engineering, we design and test cable joints that perform reliably even under extreme soil conditions, high mechanical loads and complex network environments.

Technology that goes further

Technology is at the core of everything we do. With LoviSil®, Lovink sets a new benchmark in liquid silicone insulation. Combined with the mechanical strength of Protolin® resin and an extra-robust outer shell, this technology creates a watertight, mechanically strong connection built for long-term performance. It delivers durable protection and significantly reducing the risk of failures.

Service you can rely on

Reliability extends beyond the product itself. With short lead times, flexible production and the ability to scale rapidly, Lovink supports projects of any size. Our global network and strong local presence ensure continuity wherever your project is located. Through the Lovink Academy, we strengthen skills and expertise with hands-on training and installation support, ensuring every installation performs exactly as intended.



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