



#### Royal Lovink – Dedicated to a higher standard

For over a century, Royal Lovink has been connecting people and energy through innovative, reliable cable solutions for medium-voltage networks. We combine technical expertise with forward-thinking innovation and embed sustainability in everything we do. What began as a family business has grown into an internationally operating specialist, developing and manufacturing dependable, cutting-edge cable joints.

At a time when the energy transition demands expansion, reinforcement, and sustainability of power networks, Lovink plays a vital role. Our solutions are designed to perform under the most demanding conditions, supporting grid operators around the world in ensuring continuity and stability.

We believe in cooperation and build long-term relationships with customers and partners. Not just as a supplier, but as a committed partner who thinks along, supports, and is always ready to help. Because at Lovink, it's about more than just technology – it's about connection, trust, and a shared ambition for a strong, future-proof energy supply.

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# Dedicated to a higher standard.

Connect with Lovink



## LoviX<sup>®</sup> R Straight through joints

The new standard in strong, waterproof, and durable cable joints  
for medium-voltage networks.

[lovink-enertech.com](http://lovink-enertech.com)

# LoviX<sup>®</sup> R Straight through joints

Networks are under increasing strain. Challenges such as electrification, sustainable energy input, and grid reinforcement demand robust connections. Lovink provides cable joints that deliver on their promises: long-term protection and a stable network.

## Optimal protection

LoviX<sup>®</sup> R straight joints represent a new standard in the field of underground cable connections. Thanks to the use of advanced cold-shrink technology and a robust ABS housing filled with Protolin<sup>®</sup> resin, this joint offers an exceptionally durable and resilient solution. LoviX<sup>®</sup> R joints combine strength, reliability, and simplicity in a single system – designed for long-lasting and future-proof connections.

## Fast, safe and installer-friendly

LoviX<sup>®</sup> R joints are designed for quick, simple, and safe installation. With familiar components and flame-free assembly, installation is safe and less dependent on individual installers. This results in satisfied jointers in the field and significantly reduces the risk of installation errors.

## Designed for the grids of tomorrow

LoviX<sup>®</sup> R joints are ready to meet the demands of future networks. Technical features such as electrical insulation made of silicone rubber, geometrical field control and an additional layer of Protolin<sup>®</sup> resin ensure long-term reliability.

## Proven quality

LoviX<sup>®</sup> R joints have been successfully tested in accordance with CENELEC HD 629 and IEEE 404 standards – the highest requirements in terms of mechanical strength.

- Excellent waterproof sealing prevents moisture ingress.
- Highly resistant to thermal stress caused by fluctuating voltages.
- Reliable performance at both high and low temperatures

The energy transition is driving increasing demand, while renewable sources are transforming the grid and introducing new challenges.

Climate change, grid congestion, and the need for reinforcement call for solutions that ensure a strong and resilient electricity network.

## Application range

### Maximum cable dimensions LoviX R cable joints 6/10(12) and 12/20(24) kV

Type	Cable	Conductor size	Insulation diameter	Sheath diameter
R50	Polymeric XLPE/EPR/HPTE (1-core)	95-240 mm <sup>2</sup>	19-32 mm	24-50 mm
R60	Polymeric XLPE/EPR/HPTE (1-core)	185-400 mm <sup>2</sup>	30-42 mm	Max. 60 mm
R60	Polymeric XLPE/EPR/HPTE (1-core)	400-630 mm <sup>2</sup>	30-42 mm	Max. 60 mm
R70	Polymeric XLPE/EPR/HPTE (1-core)	400-630 mm <sup>2</sup>	35-54 mm	Max. 70 mm
R70	Polymeric XLPE/EPR/HPTE (1-core)	800-1000 mm <sup>2</sup>	35-54 mm	Max. 70 mm

### Maximum cable dimensions LoviX R cable joints 18/30 (36) kV

Type	Cable	Conductor size	Insulation diameter	Sheath diameter
R60	Polymeric XLPE/EPR/HPTE (1-core)	95-300 mm <sup>2</sup>	30-42 mm	Max. 60 mm
R60	Polymeric XLPE/EPR/HPTE (1-core)	185-400 mm <sup>2</sup>	30-42 mm	Max. 60 mm
R70	Polymeric XLPE/EPR/HPTE (1-core)	400-630 mm <sup>2</sup>	35-54 mm	40-70 mm
R70	Polymeric XLPE/EPR/HPTE (1-core)	630-1000 mm <sup>2</sup>	35-54 mm	40-70 mm

Supplied as a complete kit, with all components clearly organised and packaged in order of use for smooth installation.