



# Dedicated to a higher standard.

Connect with Lovink

## LoviX<sup>®</sup> R Splices

LoviX<sup>®</sup> R Medium Voltage straight through splices are designed to deliver superior mechanical protection ensuring grid stability and resilience.

[lovinkusa.com](http://lovinkusa.com)

**Lovink stands for solutions with a focus on performance, safety and long-term value to provide reliable power across the world. Our LoviX® R splices offer excellent mechanical protection providing reliable and durable connections with advanced features.**

### **Engineered to protect**

LoviX® R splices are engineered to offer protection ensuring long-lasting connections. Superior mechanical protection, achieved through robust outer shells reinforced with Protolin® polyurethane resin.

- Excellent watertight sealing preventing moisture ingress.
- Reliable performance in high- and low-temperature regions.
- Grid stability in harsh weather conditions.
- Thermal resilience for fluctuating loads.

### **People-centered design**

At Lovink, it's not just about the technology; it's about the people who work with our products. We design our products with ease of installation and safety in mind. LoviX® R splices are built using simplified components that require minimal tools and no open flames during installation. This contributes to the seamless operation of the grid, minimizing downtime and improving overall performance.

### **Invest in long-term value**

LoviX® R splices offer exceptional long-term value, significantly reducing your total cost of ownership. By focusing on quality and durability, we help reduce maintenance costs while maximizing grid continuity.

### **Crafted for the future**

LoviX® R splices are built with the future in mind, adapting to the evolving demands of modern power grids. You can trust that our splices meet today's challenges and tomorrow's opportunities.

### **Successfully tested**

LoviX® R splices have been successfully tested and approved according to IEEE 404 and HD 629 standards. The highest industry benchmarks for compliance and mechanical strength.

**Electrification is driving energy demand, while renewables are transforming the power grid, creating both opportunities and challenges.**

**Climate impacts, grid congestion, and the need for advanced reinforcement are putting pressure on ensuring long-term grid resilience.**



# LoviX® R Splices

## Application

- Flexible installation options: suitable for manholes and direct burial
- Compatible with XLPE and EPR cables
- Optional: external neutral



## Application range

**Maximum cable dimensions LoviX® R cable splices 15 kV**

| Type | Cable                       | Conductor size*     | Insulation diameter range | Cable jacket range |
|------|-----------------------------|---------------------|---------------------------|--------------------|
| R50  | Polymeric XLPE/EPR (1-core) | #2 - 3/0 AWG        | 0.67" - 0.95"             | 0.95" - 2"         |
| R50  | Polymeric XLPE/EPR (1-core) | 1/0 AWG - 500 kcmil | 0.75" - 1.26"             | 0.95" - 2"         |
| R60  | Polymeric XLPE/EPR (1-core) | 500 - 800 kcmil     | 1.18" - 1.65"             | Max. 2.36"         |
| R70  | Polymeric XLPE/EPR (1-core) | 1,000 - 1,250 kcmil | 1.38" - 2.13"             | 1.57" - 2.76"      |
| R70  | Polymeric XLPE/EPR (1-core) | 1,500 - 2,000 kcmil | 1.38" - 2.13"             | 1.57" - 2.76"      |

**Maximum cable dimensions LoviX® R cable splices 25 kV**

| Type | Cable                       | Conductor size*     | Insulation diameter range | Cable jacket range |
|------|-----------------------------|---------------------|---------------------------|--------------------|
| R50  | Polymeric XLPE/EPR (1-core) | #2 - 2/0 AWG        | 0.67" - 0.95"             | 0.95" - 2"         |
| R50  | Polymeric XLPE/EPR (1-core) | 1/0 - 4/0 AWG       | 0.75" - 1.26"             | 0.95" - 2"         |
| R60  | Polymeric XLPE/EPR (1-core) | 350 - 750 kcmil     | 1.18" - 1.65"             | Max. 2.36"         |
| R70  | Polymeric XLPE/EPR (1-core) | 800 - 1,250 kcmil   | 1.38" - 2.13"             | 1.57" - 2.76"      |
| R70  | Polymeric XLPE/EPR (1-core) | 1,500 - 1,750 kcmil | 1.38" - 2.13"             | 1.57" - 2.76"      |

(\*) Diameter of the overall / jacket diameter determines which cable fits in which splice size.





**Our solutions don't just work. They work reliably, with precision and with purpose, because we know the power we provide fuels progress across the globe.**

With over 100 years of expertise, Lovink delivers trusted, time-tested solutions. We focus exclusively on medium voltage underground splices, offering unmatched expertise and precision.

Our products are built to stand the test of time. Just like our partnerships. With end-to-end service, seamless supply, and a commitment to taking the pressure off your shoulders - we provide peace of mind. By choosing Lovink, you're partnering with a company that is dedicated to quality, reliability and innovation for over 100 years.

**At Lovink, performance isn't just a promise, it's our foundation.**

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