ROYAL LOVINK

Dedicated to a higher standard.

Connect with Lovink

LoviX® R Splices

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

lovink-enertech.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 provide superior mechanical protection and ensure long-lasting cable connections. This durability is achieved through robust outer shells reinforced with Protolin® polyurethane resin.

- Provides excellent watertight sealing to prevent moisture ingress.
- Delivers reliable performance in both high- and low-temperature environments
- Enhances grid stability under harsh weather conditions.
- Ensures long-term thermal resilience under fluctuating electrical 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 strengthens grid resilience by minimizing downtime and enhancing overall performance.

Invest in long-term value

LoviX® R splices offer exceptional long-term value, by significantly reducing total cost of ownership. The quality and durability, combined with lower maintenance needs, support continuous grid reliability.

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 hightest 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 change, grid congestion, and growing demand for advanced reinforcement are driving the need for stronger, more resilient grid solutions. Today's increasingly challenging and evolving environment calls for investment in durable, future-ready infrastructure to ensure reliable power delivery for tomorrow.

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**	**Dimensions L x W (inches)**
R50	Polymeric XLPE/EPR (1-core)	#2 - 3/0 AWG	0.67" - 0.95"	0.95" - 2"	22.84 x 5.52
R50	Polymeric XLPE/EPR (1-core)	1/0 AWG - 500 kcmil	0.75" - 1.26"	0.95" - 2"	22.84 x 5.52
R60	Polymeric XLPE/EPR (1-core)	500 - 800 kcmil	1.18" - 1.65"	Max. 2.36"	27.56 x 6.11
R70**	Polymeric XLPE/EPR (1-core)	1,000 - 1,250 kcmil	1.78" - 2.13"	Max. 3"	30.32 x 7.09
R70**	Polymeric XLPE/EPR (1-core)	1,500 - 2,000 kcmil	1.78" - 2.13"	Max. 3"	30.32 x 7.09

Maximum cable dimensions LoviX® R cable splices 25 kV					
Type	**Cable**	**Conductor size***	**Insulation diameter range**	**Cable jacket range**	**Dimensions L x W (inches)**
R50	Polymeric XLPE/EPR (1-core)	#2 - 2/0 AWG	0.67" - 0.95"	0.95" - 2"	22.84 x 5.52
R50	Polymeric XLPE/EPR (1-core)	1/0 - 4/0 AWG	0.75" - 1.26"	0.95" - 2"	22.84 x 5.52
R60	Polymeric XLPE/EPR (1-core)	350 - 750 kcmil	1.18" - 1.65"	Max. 2.36"	27.56 x 6.11
R70**	Polymeric XLPE/EPR (1-core)	800 - 1,250 kcmil	1.78" - 2.13"	Max. 3"	30.32 x 7.09
R70**	Polymeric XLPE/EPR (1-core)	1,500 - 1,750 kcmil	1.78" - 2.13"	Max. 3"	30.32 x 7.09

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

(**) Coming soon

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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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