

# Repair solutions

In case of limited cable damage, it is not always necessary to replace a large piece of cable and to install additional cable joints. A much faster and more sustainable solution is to use a LoviSil® repair joint.

After removing the damaged part of the cable, it can be replaced with a loose core that is secured on both sides or extended connectors are used. The connection is then

provided with an extended tube set and the other parts of the LoviSil® joint.

The insulation with liquid silicone and the strong housing with Protolin® resin make the connection very solid. With this solution, the quality and protection of the cable is guaranteed in the long term.

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**Repair joint** > By means of an extended tube set it is possible to reconnect the cable after repair with the LoviSil® technology



Application	Benefits
A repair joint offers a simple solution to cable damage.	<ul style="list-style-type: none"> <li>Fast and sustainable solution</li> <li>Cost and work savings</li> </ul>

Voltage	Type	Cable	Conductor size (mm <sup>2</sup> )*	Diameter conductor crossed conductors (mm <sup>2</sup> )	Max. cross section for crossed cores (mm)
12 kV	M105	Polymeric/paper (3x1 core)	35 - 400	N/A	48
		Polymeric/paper (3 core)	35 - 400	35 - 300	105
24 kV	M105	Polymeric/paper (3x1 core)	95 - 400	N/A	48
		Polymeric/paper (3 core)	95 - 400	95 - 150	105

LoviSil® medium voltage joints