

# 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.

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



### Application

A repair joint offers a simple solution to cable damage.

### Benefits

- Fast and sustainable solution
- Cost and work savings

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

### Repair length

Conductor size (mm <sup>2</sup> )	Max. repair length (mm)
16-95	330
50-150	300
95-240	270
185-400	225