

LoviSil® Cable joints 36 kV

LoviSil® cable joints can be applied in 36 kV networks, the voltage level that is widely used in sustainable solar and wind parks and industrial areas. The universal LoviSil® technology offers a reliable and durable solution for almost all cable combinations. Discover our most applied versions.



LoviSil® straight joint

- 1-core cables
- Max. diameter 1.000 mm²



LoviSil® transition joint

- 3-core on 3 x 1-core cables
- 3-core on 3-core cables (with extended shell)



LoviSil® branch joint

- Branch connection to 1.000 mm²
- Also available as feed-in joint and loop joint



Liquid insulation

LoviSil® cable joints are electrically insulated by liquid silicones. This insulation medium differs from all shrink and push on technologies by a number of unique properties. The silicone remains liquid and therefore perfectly insulates all parts in the joint. The chance of partial discharges due to air entrapment is minimal.



Field control without wrapping

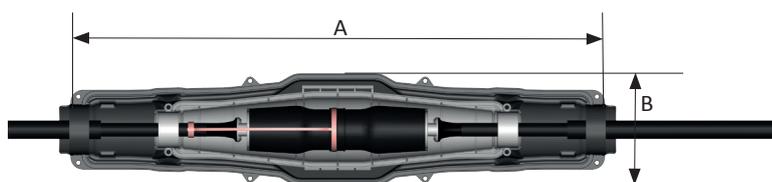
The 36 kV cable joints are equipped with a geometric field control by means of filled stress cones. In combination with the silicone sleeve that is mounted around the connection, perfect field control is realized. In addition, this combination enables a compact design.

Application range straight through and transition joints

Type	Cable	Conductor size mm ²	Diameter conductor crossed conductors (mm ²)	Max. cross section crossed cores (mm)
M85	Polymeric/paper (1-core)	95 - 500	N/A	82
M105	Polymeric/paper (1-core)	630 - 1.000	N/A	105
MK125	Polymeric/paper (1-core)	95 - 400	N/A	56
	Polymeric/paper (3-core)	95 - 500	N/A	120

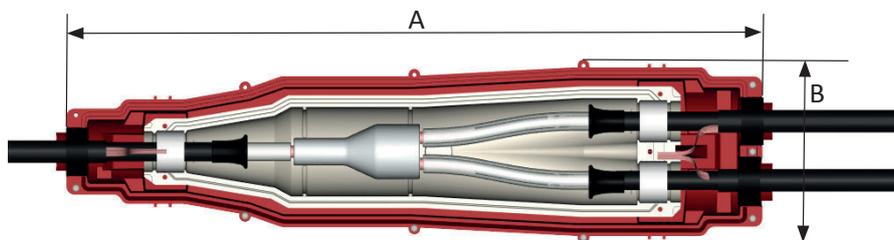
Application range branch- and feed in joints

KB95	Polymeric/paper (1-core)	95 - 1.000	N/A	87
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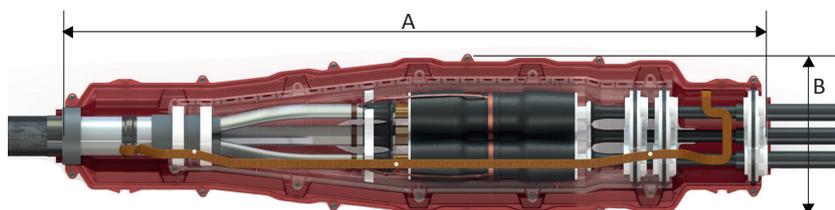


Dimensions

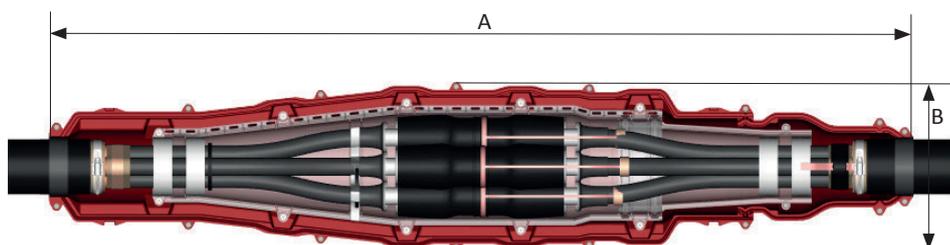
M85 **M105**
 A = 1128 mm 1386 mm
 B = 237 mm 289 mm



KB95
 A = 1500 mm
 B = 320 mm



MK125
 A = 1600 mm
 B = 310 mm



MK125-extended
 A = 1850 mm
 B = 310 mm



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