

Product overview LoviSil® KB Branch joints

LoviSil® KB Branch joints are suitable for making connections in medium voltage networks. The branch joint can be applied regardless of the main cable type. With LoviSil® joints, polymeric cables can be directly connected to paper or polymeric cables. No external transition joints are needed, resulting in reduced material, excavation and reinstatement costs.

1

Voltage	Type	Cable	Conductor size** (mm²)*	Diameter conductor crossed conductors** (mm²)	Max. cross section for crossed cores (mm)
12 kV	KB85	Polymeric/paper (1 core)	95 - 1.000	N/A	82
		Polymeric (1 x 3 core)	70 - 240	95-185	82
		Polymeric (3 x 1 core)	70 - 240	N/A	38
		Paper (1 x 3 core)	70 - 240	95 - 185	82
	KB95	Polymeric (1 x 3 core)	120 - 300	150-240	87
		Polymeric (3 x 1 core)	120 - 300	N/A	40
		Paper (1 x 3 core)	120 - 300	150 - 240	87
	24 kV	KB95	Polymeric/paper (1 core)	95 - 1.000	N/A
Polymeric (3 x 1 core)			120 - 300	N/A	40
Paper (1 x 3 core)			120 - 300	240	87
36 kV	KB95	Polymeric/paper (1 core)	95 - 1.000	N/A	87

* Attention: Dependent on the outer sheath diameter and selected cable module.

The above sizes concern cables that fit into the joint. Different cables on request.

** Sector shaped conductors 240 mm² (KB85) and 300 mm² (KB95) needs to be pressed circular.

LoviSil® medium voltage joints

Build up LoviSil® KB Branch joints

LoviSil® KB85-KB95

