

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.

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/paper (3 x 1 core)	70 - 240	N/A.	38
		Polymeric/paper (3 core)	70 - 240	95 - 185	82
	KB95	Polymeric/paper (1 core)	95 - 1.000	N/A.	87
		Polymeric/paper (3 x 1 core)	120 - 300	N/A.	40
		Polymeric/paper (3 core)	120 - 300	150-240	87
24 kV	KB95	Polymeric/paper (1 core)	95 - 1.000	N/A.	87
		Polymeric/paper (3 x 1 core)	120 - 300	N/A.	40
		Polymeric/paper (3 core)	120 - 300	240	87
36 kV	KB95	Polymeric/paper (1 core)	95 - 1.000	n.v.t.	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.

Build up LoviSil® KB Branch joints

LoviSil® KB85-KB95

