

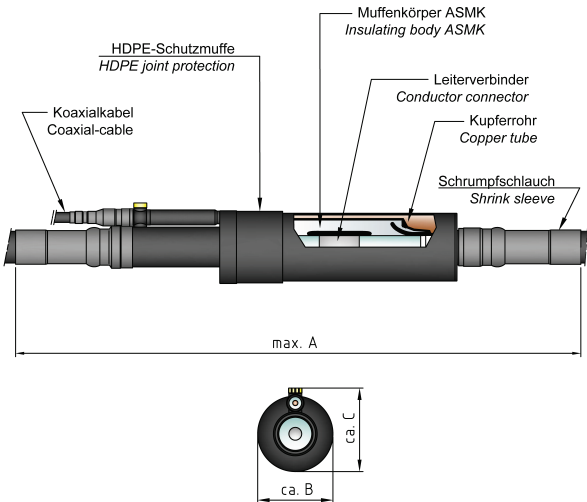
**Joint type MPCC**

**With copper casing radial moisture barrier and intergrated HDPE outer protection**  
**For polymeric cables up to 550 kV**

Compact and light weight the MPCC is particularly conceived for the reliable connection of polymeric cables from 170 kV up to 550 kV. Thanks to its robust construction the MPCC is the ideal solution for installations sites with limited installation spaces such as tunnels or concrete manholes including directly buried. The joints are type tested according to the international standards IEC 60840 ( $\leq 170$  kV) and IEC 62067 ( $> 170$  kV). For the long-term reliability each unit of silicone body produced are electrically routine tested in our factory.

**Product main features**

- Pre-molded one piece joint body eletrically tested at factory
- Available with bolted or DIN compression connectors
- Compact dimensions & lightweight
- Easy and safe to install
- Universal cable screen grounding configuration
- Copper casing radial moisture metallic barrier
- Heavy duty high density polyethylene (HDPE) protection



**Technical data of straight through joints**

Type	Drawing	Max. operating voltage Um kV	Range of diameter over prepared cable insulation, min. - max. mm	Equivalent cable cross-section (Cu/Al) <sup>1</sup> mm <sup>2</sup>	Max. cable diameter mm	Joint dimensions A x C mm
MPCC 1.245-21	S1733-4	245	66 - 119	400 - 2500	150	2722 x 370
MPCC 1.420-21	S1890-4	420	81 - 129	400 - 2500	150	2730 x 410
MPCC 1.550-21	S1892-4	550	99 - 129	400 - 2500	150	2730 x 410

**Technical data of cross bonding joints**

Type	Drawing	Max. operating voltage Um kV	Range of diameter over prepared cable insulation, min. - max. mm	Equivalent cable cross-section (Cu/Al) <sup>1</sup> mm <sup>2</sup>	Max. cable diameter mm	Joint dimensions A x C mm
MPCC 1.245-31	S1642-4	245	66 - 119	400 - 2500	150	2722 x 370
MPCC 1.420-31	S1891-4	420	81 - 129	400 - 2500	150	2730 x 410
MPCC 1.550-31	S1893-4	550	99 - 129	400 - 2500	150	2730 x 410

<sup>1</sup> Values for reference only. The exact application depend on the diameter over the prepared cable insulation.