

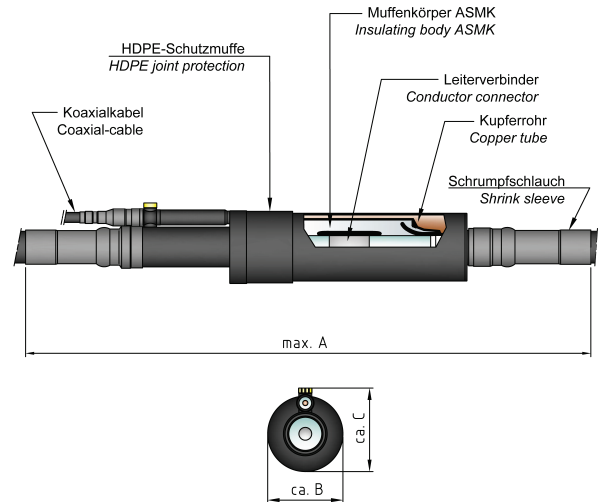
Joint type MPCC

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 (≤ 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 electrically 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) ¹ mm ² | 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) ¹ mm ² | 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 |

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