

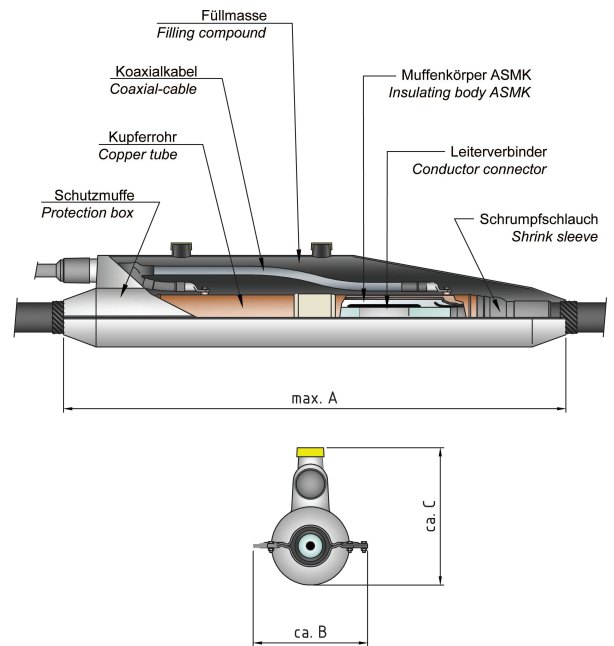
Joint type MPCP

With copper casing radial moisture barrier and coffin box as outer protection
For polymeric cables up to 245 kV

Offering excellent mechanical strength and water tightness the MPCP is particularly conceived for the reliable connection of all types of polymeric insulated cables up to 245 kV. Particularly conceived for long cable transmission systems, the two part sectionalized copper casing admits all types of cable screen connection with the same solution. Thanks to the glass fiber reinforced outer protection filled with resin compound the MPCP is ideal for all kind of installations 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
- Highest degree of mechanical and moisture protection
- Universal cable screen grounding configuration
- Radial moisture metallic barrier made of copper casing
- Glass fiber reinforced protection filled with PU-resin compound



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) mm ²	Max. cable diameter mm	Joint dimensions A x C mm
MPCP 1.72-21	S1969-4	72.5	34 - 77	240 - 1600	110	1950 x 380
MPCP 1.72-22	S1971-4	72.5	77 - 88	1200 - 2500	125	1950 x 410
MPCP 1.145-21	S1963-4	145.0	45 - 77	240 - 1200	110	1950 x 380
MPCP 1.145-22	S1965-4	145.0	77 - 90	800 - 2000	125	1950 x 410
MPCP 1.145-23	S1967-4	145.0	90 - 115	1200 - 2500	155	2150 x 430
MPCP 1.170-21	S2007	170.0	55 - 115	240 - 2500	140	2100 x 500
MPCP 1.245-21	S2005	245.0	66 - 120	240 - 2500	150	2330 x 540

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) mm ²	Max. cable diameter mm	Joint dimensions A x C mm
MPCP 1.72-31	S1968-4	72.5	34 - 77	240 - 1600	110	1950 x 380
MPCP 1.72-32	S1970-4	72.5	77 - 88	1200 - 2500	125	1950 x 410
MPCP 1.145-31	S1962-4	145.0	45 - 77	240 - 1200	110	1950 x 380
MPCP 1.145-32	S1964-4	145.0	77 - 90	800 - 2000	125	1950 x 410
MPCP 1.145-33	S1966-4	145.0	90 - 115	1200 - 2500	155	2150 x 430
MPCP 1.170-31	S2006	170.0	55 - 115	240 - 2500	140	2100 x 500
MPCP 1.245-31	S2004	245.0	66 - 120	240 - 2500	150	2330 x 540

Subject to change without notice