

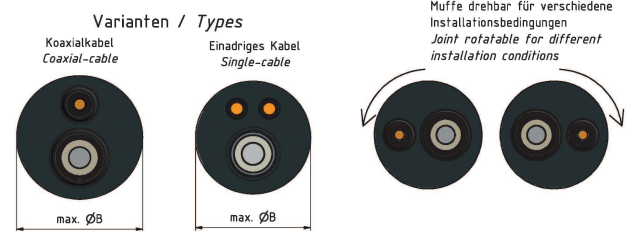
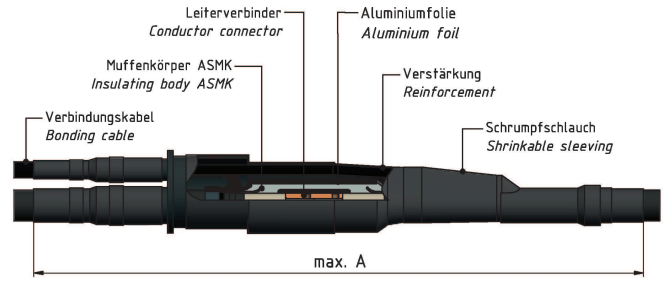
# Joint type MPFH

**With metallic radial moisture barrier and heat shrinkable outer protection**  
**For polymeric cables up to 245 kV**

Fast and easy to install the MPFH is particularly conceived for the reliable straight through connection of polymeric cables up to 245 kV. Thanks to its compact and lightweight construction the MPFH is the ideal cost-effective solution for installations sites with limited installation spaces such as tunnels or concrete manholes without permanent flooding. 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 electrically tested at factory
- Available with bolted or DIN compression connectors
- Compact dimensions & lightweight
- Easy and safe to install
- Cable screen connection without plumbing or soldering
- Radial moisture metallic barrier
- Heavy duty heat shrink outer 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 B mm
MPFH 1.72-21	S1904-4	72.5	35 - 57	240 - 800	120	1650 x 180
MPFH 1.72-22	S1914-4	72.5	57 - 88	400 - 2500	140	1650 x 200
MPFH 1.145-21	S1905-4	145.0	46 - 78	240 - 1200	120	1650 x 200
MPFH 1.145-22	S1906-4	145.0	78 - 115	630 - 2500	140	1650 x 230
MPFH 1.170-21	S1884-4	170.0	56 - 115	240 - 2500	155	2000 x 240
MPFH 1.245-21	S1885-4	245.0	67 - 120	400 - 2500	155	2000 x 290

**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 B mm
MPFH 1.72-31	S2095	72.5	35 - 57	240 - 800	120	2150 x 290
MPFH 1.72-32	S2094	72.5	57 - 88	400 - 2500	140	2250 x 355
MPFH 1.145-31	S2079	145.0	46 - 78	240 - 1200	120	2250 x 290
MPFH 1.145-32	S2078	145.0	78 - 115	630 - 2500	140	2250 x 355
MPFH 1.170-31	S2093	170.0	56 - 115	240 - 2500	150	2250 x 355

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