



CHM3

3-core straight-through joint

for all 3-core polymeric cables

Hybrid straight-through joints CHM3 are suitable for all 3-core polymeric-insulated cables (PVC, PE, XLPE, EPR). They allow the connection of cables with different cross sections and conductor materials even with different cable designs concerning the semi-conductive layer (graphite-coated, removable or strippable) and screen design (copper wire or tape screen). Suitable for compression connectors.

Characteristics

- Reliable stress control due to flexible silicone stress control elements
- Wide conductor and cross-section range
- Quick, safe and easy assembly
- Ready for immediate operation

Application/Suitability

- Indoor
- Outdoor
- Underground
- Water
- Installation ducts
- Ductwork

Voltage level

- U_0/U_m 6/10 (12) kV - 19/33 (36) kV

Note

- 12 kV joints must be used for 7.2 kV cables. (Check minimum diameter over conductor insulation.)

Test standards

- CENELEC HD 629.1 (DIN VDE 0278, part 629-1)

Storage conditions/Shelf life

- Unlimited shelf life



Dimensions



Scope of delivery

Thick wall heat shrinkable insulation tubes, thick wall heat shrinkable outer tube with hot melt adhesive, silicone stress control element, copper braid tube, pressure springs, field control filling tape (blue), assembly material, assembly instructions

Optional accessory: Compression connectors (see Connecting technology)

Note: Straight-through joints with larger cross-section available on request.

PLP Part No.	Type	L mm	min. ϕ over core insulation after removal of the outer conductive layer mm	max. Connector ϕ mm	max. Connector length mm	12 kV	24 kV	36 kV
						Nominal cross section mm ²		
U_0/U_m 6/10 (12) kV - 6.35/11 (12) kV								
CPA-CHM3-12-010-025	CHM3 12kV	10-25	1200	9.9	16	90	10 - 25	
CPA-CHM3-12-035-095		35-95	1200	12.6	25	135	35 - 95	
CPA-CHM3-12-095-240		95-240	1200	17.3	32	145	95 - 240	
CPA-CHM3-12-150-300		150-300	1200	19.9	40	200	150 - 300	
U_0/U_m 12/20 (24) kV - 12.7/22 (24) kV								
CPA-CHM3-24-010-035	CHM3 24kV	10-35	1200	12.6	20	100		10 - 35
CPA-CHM3-24-050-150		50-150	1200	17.3	25	135		50 - 150
CPA-CHM3-24-070-240		70-240	1200	19.9	32	145		70 - 240
CPA-CHM3-24-150-300		150-300	1200	23.1	40	200		150 - 300
U_0/U_m 18/30 (36) kV - 19/33 (36) kV								
CPA-CHM3-36-035-070	CHM3 36kV	35-70	1200	19.9	20	110		35 - 70
CPA-CHM3-36-050-150		50-150	1200	23.1	25	135		50 - 150
CPA-CHM3-36-150-300		150-300	1200	27.3	38	200		150 - 300

AUTHORISED DISTRIBUTOR



Preformed Line Products (Australia) Pty Ltd | ABN 27 004 533 877
 190 Power St Glendenning, NSW 2761 Australia
 Mail Address: PO Box 626, St. Marys NSW 1790 Australia
 +612.8805.0000 | sales@preformed.com | www.preformed.com.au