

1-core straight-through joint
with screw connector for 1-core polymeric cables

Hybrid straight-through joints CHM...V are suitable for all 1-core polymericinsulated 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). With screw connector.



Product description

Article name	CHM 42kV 50-150 V
Article number	421451

Characteristics

- Reliable stress control due to flexible silicone stress control elements
- For both copper and aluminium conductors
- For all cables with copper wire or tape screen
- Wide conductor and cross-section range
- Quick, safe and easy assembly
- Ready for immediate operation
- Suitable for a wide range of applications due to integrated screw connector

Applications

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

The drawing shows a long, thin cable with a cross-section view in the middle. The cross-section reveals multiple internal conductors surrounded by insulation. The cable has a slightly irregular, hand-drawn appearance.

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Voltage levels	U0/U (Um) 20/35 (42) kV - 20,8/36 (42) kV
Test standards	CENELEC HD 629.1
Length L	700 mm
Diameter over core insulation after removal of the outer conductive layer min	25.5 mm
Diameter over core insulation after removal of the outer conductive layer max	33 mm
Nominal cross section 42 kV min	50 mm ²
Nominal cross section 42 kV max	150 mm ²

Logistics data

Article name	CHM 42kV 50-150 V
Article number	421451
Delivery scope	Thick wall heat shrinkable insulation tubes
	Thick wall heat shrinkable outer tube with hot melt adhesive
	Silicone field control elements
	Copper braid tube
	Pressure springs
	Screw connector
	Field control filling tape (blue)
	Assembly material
	Assembly instructions
Shelf life description	Unlimited shelf life
Country of origin	Germany
Customs tariff number	39269097
EAN/GTIN	4010311192246

Packaging data

Alternative unit of measure	Carton	Pal. OW
Base quantity	1	42
Base unit of measure	Piece	Piece
Length (mm)	730	1200
Width (mm)	165	800
Height (mm)	157	1130
Net weight (kg)	2.171	91.182
Gross weight (kg)	2.171	109.382