

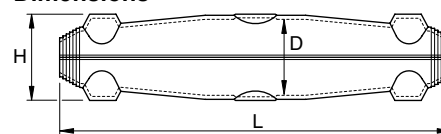
M

Cast resin straight-through joint

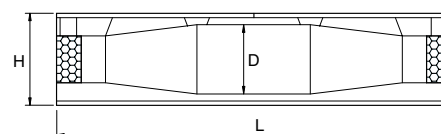


Universally suitable to connect low voltage plastic insulated cables or conductors insulated with PVC, PE, VPE and EPR. Suitable for compression connectors on aluminium and copper conductors

Dimensions



M0 - M6



M7 - M8

Characteristics

- Compact dimensions
- Splice site visible before casting
- High-quality transparent shockproof plastic moulds
- Ready for immediate operation
- Quick and easy assembly saves time and reduces costs
- Resistant to chemical agents
- Resistant to alkaline earth elements
- UV-resistant
- Longitudinally and transversely watertight
- High electrical insulating values
- High mechanical strength

Application

- Indoor
- Outdoor
- Underground
- Water
- Installation ducts

Voltage level

- U0/U (Um) 0.6/1 (1.2) kV

Scope of delivery

- Hydrolysis resistance
- PUR type EG cast-resin, containing the correct volume ready for mixing. Packed in practical and easy-to-use two chamber bags
- Transparent plastic moulds
- Fill and air-release funnel
- Assembly instructions
- PVC insulation tape
- Protective gloves

Note

- Connectors not included

Tests

- DIN VDE 0278 part 1 and 3
- DIN VDE 0278 part 393
- EN 50393 as well as CENELEC HD 623 (VDE 0278 part 623)

Storage conditions/Shelf life

- Cast resin up to 40 months

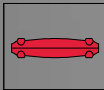
Particularly for the export market

For energy cables and conductors

Type	max. Cable-Ø mm	L mm	D mm	H mm	Polymeric cable					Concentric conductor		Armoured		Art.-No.
														
					1x	2x	3x	4x	5x	3x	4x	3x	4x	
					Nominal cross section per conductor mm²									
M 0	15	185	32	37	25	10	6	6	2.5					124409*
M 1	22	240	40	45	95	25	16	16	6	10/10				124410*
M 2	30	265	45	50	185		35	25	16	25/25	16/16	16	16	124411*
M 2.5	37	310	58	65	300		70	50	35	35/35	25/25	35	16 - 35	124412*
M 3	42	355	70	80	400		95	70	50	50/50	50/25	50	35 - 50	124413*
M 4	52	430	90	98	500		120	95	70	95/95	70/35	95	50 - 95	124414*
M 5	62	550	110	120			240	185		150/150	120/70	120	95 - 120	124415*
M 6	80	660	145	165			300	240		240/240	240/120	240	120 - 240	124416*



WWW.CABLEJOINTS.CO.UK
THORNE & DERRICK UK
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Control cable and Signal cable

Type	max. Cable-Ø mm	L mm	D mm	H mm	Control and signal cable					Art.-No.
										
					0.4 mm²	0.6 mm²	0.8 mm²	0.75 mm²	1.5 mm²	
					Number twisted pairs			Number of conductor		
M 1	22	240	40	45	30 – 70	20 – 30	10 – 20	56	21	124294*
M 2	30	265	45	50	100 – 150	40 – 70	30 – 40	114	56	124295*
M 2.5	37	310	58	65	200 – 250	100 – 120	50 – 70	154	96	124296*
M 3	42	355	70	80	300	150	100 – 120	200	133	124297*
M 0	15	185	32	37	6 – 20	6 – 10	6	16	8	124293*

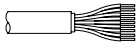
For telecommunication cable a screen transfer type SVL is required.

Particularity for the european market

Type	max. Cable-Ø mm	L mm	D mm	H mm	Polymeric cable					Concentric conductor		Armoured		Art.-No.
														
					1x	2x	3x	4x	5x	3x	4x	3x	4x	
					Nominal cross section per conductor mm²									
M 0	15	185	32	37	25	10	6	6	2.5					124293*
M 1	22	240	40	45	95	25	16	16	6	10/10				124294*
M 2	30	265	45	50	185		35	25	16	25/25	16/16	16	16	124295*
M 2.5	37	310	58	65	300		70	50	35	35/35	25/25	35	16 - 35	124296*
M 3	42	355	70	80	400		95	70	50	50/50	50/25	50	35 - 50	124297*
M 4	52	430	90	98	500		120	95	70	95/95	70/35	95	50 - 95	124298*
M 5	62	550	110	120			240	185	120	150/150	120/70	120	95 - 120	124299*
M 6	80	660	145	165			300	240		240/240	240/120	240	120 - 240	124300*
M 7	80	900	150	190				300						124308*
M 8	90	1100	150	190				400					300 - 400	124309*

Appropriate connectors must be ordered separately.
Armour continuity kit for armoured cable available to order.
Straight-through joints for mining areas available to order.

Control cable and Signal cable

Type	max. Cable-Ø mm	L mm	D mm	H mm	Control and signal cable					Art.-No.
										
					0.4 mm²	0.6 mm²	0.8 mm²	0.75 mm²	1.5 mm²	
					Number twisted pairs			Number of conductor		
M 0	15	185	32	37	6 – 20	6 – 10	6 – 6	16	8	124409*
M 1	22	240	40	45	30 – 70	20 – 30	10 – 20	56	21	124410*
M 2	30	265	45	50	100 – 150	40 – 70	30 – 40	114	56	124411*
M 2.5	37	310	58	65	200 – 250	100 – 120	50 – 70	154	96	124412*
M 3	42	355	70	80	300	150	100 – 120	200	133	124413*

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*Optional accessory: Screen straight-through conductor SVL/Accessories
Compression connectors/Connecting technology
UNIVERSAL CLEANER No.121/Accessories