

FRIEDL FDM 3 FO Closure



Inline and Branch Version



Type	Description	Art. Nr.
FDM 3 FO Inline	2 heat shrink tubes for 8 - 25 mm, max 9 cassettes, Acc. 2 x 12 spliceholders (crimp- or shrinksspliceprotection)	5001
FDM 3 FO Branch	1 heat shrink tube oval for 2 cables of 8 - 25 mm, uncut with branch-clip, max. 9 splice cases, 2 x 12 spliceholders (crimp- or shrinksspliceprotection)	5002

Description	Technical Data	
<p>Application: The Closure type FDM 3 FO has been designed especially for the jointing of optical and hybrid cables. Because of the oval entry, the Closure is suitable for uncut cables. It can be used for inline or branch-applications. The Closure is suitable for underground-, duct-, wall- and pole mounting.</p> <p>Design: FDM 3 FO consists of a base plate with cable entries and the cassette-bracket, a closure body and needed accessories. Maximum 9 cassettes with 2 x 12 holders each can be mounted. Below the cassettes, there is storage space for tube reserves. Cable entries through one oval and four round openings. The oval entry is used for uncut cables from Ø 8 – 25 mm. The four round entries can be used for cablediameters from 8 – 17 mm. All entries will be sealed with heat shrink tubes – inline and branch-applications. Kevlar and central strength element should be fixed on the cassette-bracket.</p> <p>The Splice is protected with the Closure Body, the sealing ring is on the base plate. The body will be fixed with NIRO screws. The Closure is reopen- and close-able without changing the sealing ring. The cassette bracket includes the possibility to store overlengths of fibers and the design of the cassettes guarantee the prescribed bending radius of the fibers. Installation of FDM 3 FO do not need special tools and trainings (Installation skills of FO Applications necessary). Closure Body with valve upon request.</p> <p>.Materials: The base plate and the body are made of environmentally friendly, UV-resistant polypropylene characterised by high mechanical strength and low water vapour permeation. The heat-shrinkable sleeves are made of cross-linked polyolefin and coated with a thermoplastic adhesive. The cassette-bracket is made of steelplate and all screws are NIRO – A2.</p>	Length	330 mm
	Diameter	170 mm
	Capacity - Cases	max. 9 Splice cases IEC60-793-1
	Cable entries	2 uncut cables ø 8 - 25 mm 4 cables ø 8-17 mm
	Splice cases	alternative 2x12 crimp or 2x12 shrink
	Tested acc. to	VAEE 36221 – FDM 3 CE
	Temperature change	-40° C to + 70° C, 10 times
	Storage in wetting agent	168 hours (Netwet)
	External pressure resistants	6 m water column
	Water vapour permeation	<240 µg/h at 10° C