

Ordering Information

SYNO Dome Closure

Description

The flexible SYNO Dome Closure fulfils all requirements of a modern fiber optic network. Thanks to the unique modularity the SYNO Dome Closure suits almost every application.

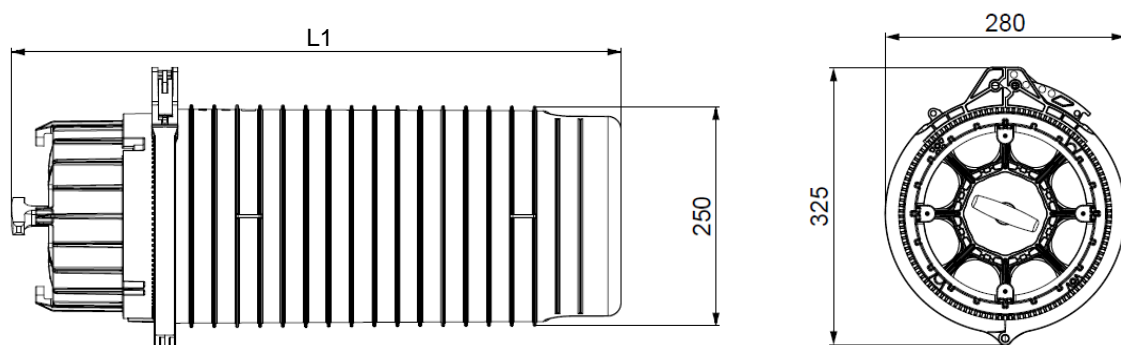
Whether cables from 2.0mm up to 28.0mm or micro ducts from 5mm to 14mm the SYNO Dome Closure guaranties a reliable strain relief and sealing.

Its most important component is the Single Circuit Management (SCM) platform. Fibers are laid, looped through and spliced in record time. Fiber guidance free of cross-overs and the gentle 40mm bending radius are ensured throughout, just the right prerequisites for long-term operating reliability and perfect performance.

Ordering Information

Product Code	Splice-Capacity	TPU ⁽¹⁾	Length L1 [mm]	Ordering no.
SYNO Dome Closure STP24 with valve SYNO-D25/35-V-STP/24	288	2x 12	520	R812550
SYNO Dome Closure STP48 with valve SYNO-D25/50-V-STP/48	576	2x 24	700	R812551
SYNO Dome Closure STP96 with valve SYNO-D25/70-V-STP/96	1152	2x 48	850	R812552
SYNO Dome Closure STP24 SYNO-D25/35-N-STP/24	288	2x 12	520	R812553
SYNO Dome Closure STP48 SYNO-D25/50-N-STP/48	576	2x 24	700	R812554
SYNO Dome Closure STP96 SYNO-D25/70-N-STP/96	1152	2x 48	850	R812555

⁽¹⁾ TPU: Tray Position Units correspond to the number of tray fixing possibilities.
Depending on the loose tube storage the available number of TPU's can be reduced.








Scope of Delivery




- Closure complete prepared for tray assembling
- Closure dome including sealing ring
- Clamp
- Loose tube tray kit for loop storage
- Splice tray cover kit incl. accessories
- Desiccant 2x 20g (silica gel bags)
- Optional: Valve preassembled





*Trays and cable entry kits are not included in the delivery!
Need to be ordered separately.*

Cable Entry Kits SYNO Dome Closure

	Description	R&M No.
	SYNO D25 Entry Kit 1x 25-28mm SYNO-D25-SGB-1x 25-28mm SYNO cable entry kit for 1 cable Ø25-28mm incl. gel segment, cable strain relief, central strength member fixing and 1 plug for unused port	R812567
	SYNO D25 Entry Kit 1x 20-25mm SYNO-D25-SGB-1x 20-25mm SYNO cable entry kit for 1 cable Ø20-25mm incl. gel segment, cable strain relief, central strength member fixing and 1 plug for unused port	R812566
	SYNO D25 Entry Kit 1x 12-21mm SYNO-D25-SGB-1x 12-21mm SYNO cable entry kit for 1 cable Ø12-21mm incl. gel segment, cable strain relief, central strength member fixing and 1 plug for unused port	R812565
	SYNO D25 Entry Kit 2x 7-14mm SYNO-D25-SGB-2x 7-14mm SYNO cable entry kit for 2 cable or micro ducts Ø7-14mm incl. gel segment, cable strain relief, central strength member fixing and 2 plugs for unused ports	R812564
	SYNO D25 Entry Kit 4x 5-8mm SYNO-D25-SGB-4x 5-8mm SYNO cable entry kit for 4 cable or micro ducts Ø5-8mm incl. gel segment, cable strain relief, central strength member fixing and 4 plugs for unused ports	R812563

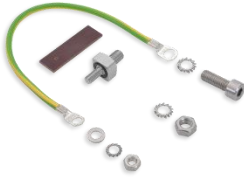
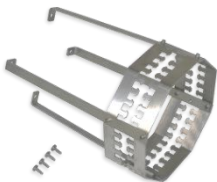



	Description SYNO D25 Entry Kit 8x 3-5mm SYNO-D25-SGB-8x 3-5mm SYNO cable entry kit for 8 cable Ø3-5mm incl. gel segment, cable strain relief for aramid and 8 plugs for unused ports	R&M No. R812562
	SYNO D25 Entry Kit 16x 2-3mm SYNO-D25-SGB-16x 2-3mm SYNO cable entry kit for 16 cable Ø2-3mm incl. gel segment, cable strain relief for aramid	R812561
	SYNO D25 Entry Kit Blind SYNO-D25-SGB-BLIND SYNO blind segment used as filler for unused cable entry bays	R812568

Water-Gas-Termination for micro ducts



	Description Water-Gas-Termination WGT7 2.0/2.6, 1x Aluminium Water-Gas-Termination for 7mm micro ducts. Suitable for cable diameter 2.0mm upto 2.6mm. Packing unit: 20pcs	R&M No. R821231
	Water-Gas-Termination WGT7 2.5/3.1, 1x Aluminium Water-Gas-Termination for 7mm micro ducts. Suitable for cable diameter 2.5mm upto 3.1mm. Packing unit: 20pcs	R821232
	Water-Gas-Termination WGT10 5.6/6.6, 1x Aluminium Water-Gas-Termination for 10mm micro ducts. Suitable for cable diameter 5.6mm upto 6.6mm. Packing unit: 20pcs	R821233
	Water-Gas-Termination WGT12 5.6/6.6, 1x Aluminium Water-Gas-Termination for 12mm micro ducts. Suitable for cable diameter 5.6mm upto 6.6mm. Packing unit: 20pcs	R821234







Further Water-Gas-Termination typs on request

Accessories Closure

	Description	R&M No.
	SYNO D25 Grounding terminal SYNO-D25-GRDG-TERM SYNO feed-through grounding terminal can be mounted in the closure cable tube to connect metallic parts to an external ground.	R812570
	SYNO D25 External Cable Support SYNO-D25-FIX-EXT SYNO external cable support to fix small cables or micro ducts before entering the closure.	R812571
	SYNO D25 Wall-/Pole fixing bracket SYNO-D25-MBRACKET SYNO wall-/pole fixing brackets made of stainless steel for all closure sizes incl. 2 hose clamps, without fixing screws	R812569
	SYNO Installation Support SYNO-DC-INST-SUPP SYNO installation support for any kind of table keeps the closure in a secure position and provides comfortable access to cables and splice trays. The closure can be fixed horizontal or vertical.	R812572
	SYNO D25 O-Ring SYNO-D25-ORING SYNO D25 O-ring as spare part.	R812573







SCM Splice Tray System

	Description	TPU ⁽¹⁾	R&M No.
	Single Circuit Splice Tray SCM for 6 splices, 1x	1	R508434
	Single Circuit Splice Tray SCM for 6 splices, 12x 1x Single Circuit (SC) tray 1x holder for 6 heat shrink or sandwich splice protectors 1x label	1	R508440
	Single Circuit Splice Tray for 12 HS splices, 1x	1	R804270
	Single Circuit Splice Tray for 12 HS splices, 12x 1x Single Circuit (SC) tray 1x holder for 12 heat shrink splice protectors 1x label	1	R804272

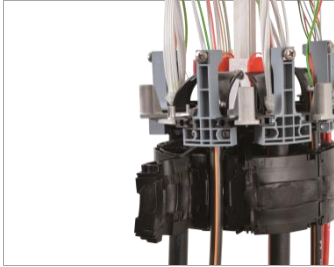
	Description	TPU ⁽¹⁾	R&M No.
	Single Circuit Splice Tray for 12 SW splices, 1x Single Circuit Splice Tray for 12 SW splices, 12x 1x Single Circuit (SC) tray 1x holder for 12 sandwich splice protectors 1x label	1 1	R804271 R804273
	Single Element Splice Tray for 24 HS splices, 1x Single Element Splice Tray for 24 HS splices, 6x 1x Single Element (SE) tray 1x holder for 24 heat shrink splice protectors 1x label	2 2	R508436 R508441
	Single Element Splice Tray for 24 SW splices, 1x Single Element Splice Tray for 24 SW splices, 6x 1x Single Element (SE) tray 1x holder for 24 sandwich splice protectors 1x label	2 2	R508438 R508442
	Splitter Tray SCM grey, 1x 1x Single Element (SE) tray gray 1x holder for max. 2:32 splitter (80x16x7) incl. splice holder for 2x heat shrink or sandwich splice protectors 1x label	2	R508439
	Splitter Tray SCM black, 1x 1x Single Element (SE) tray black 1x holder for max. 2:32 splitter (80x16x7) incl. splice holder for 2x heat shrink or sandwich splice protectors 1x label	2	R812556
	Tray for water sensor SCM blue, 1x 1x Single Element (SE) blue 1x holder for water sensor incl. splice holder for 2x heat shrink or 2x sandwich splice protectors 1x label	2	R812557
	Cover kit SCM 1x Cover for SCM tray 1x tray locking bracket 1x fiber dressing pen 1x laser warning sticker		R509162

⁽¹⁾ TPU: Tray Position Units correspond to the number of tray fixing possibilities.

Accessories SCM Splice Tray System

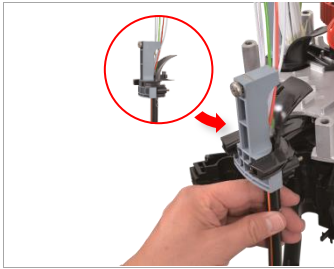
	Description	R&M No.
	Sandwich Splice Protection 15x sandwich splice protectors	R30086
	Heat Shrink Splice Protection Ø3.0x 60 mm Heat Shrink Splice Protection Ø3.0x 45 mm Heat Shrink Splice Protection Ø3.0x 35 mm 12x heat shrink splice protectors	R30087 R319212 R30087-35
	Label for SCM Trays 12x labels for SCM trays	R509346
	Label for SCM Trays 12 labels for SCM trays on a A4 sheet	R509226
	Numbering Clips 1-12 for SCM Trays Numbering Clips 13-24 for SCM Trays Numbering Clips 25-36 for SCM Trays Numbering Clips 37-48 for SCM Trays Numbering Clips 1-120 for SCM Trays 5x Numbering clip sheet with 120 clips, white	R510084 R511963 R511964 R512402 R508341
	Color Clip “Green” for SCM Tray Color Clip “Blue” for SCM Tray Color Clip “Red” for SCM Tray Color Clip “Yellow” for SCM Tray 5x Numbering clip sheets with 96 color clips	R508346 R508347 R508343 R508345

Product Details



Cable entry

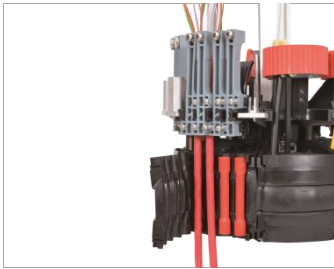
- Entry kits for cables from 2mm up to 28mm
- Entry kits for micro ducts from 5mm up to 14mm
- 8 independent cable entry bays
- Hinged cable entry gel blocks for free access
- Each cable entry type can be changed at any time (also during operation)
- Number of cable entry possibilities per bay optimized on cable diameter



Cable preparation

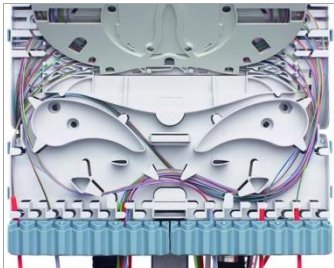
- The cable can be completely prepared (incl. strain relief)
- Prepared cable can be easily inserted in to a cable entry bay

Very beneficial specially for loop cable installation



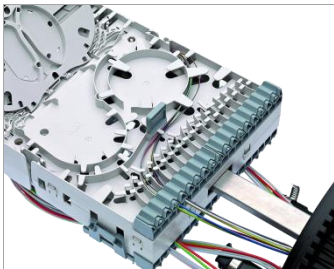
Strain relief

- Independent strain relief for each cable
- Strain relief without cable ties
- Reusable gel blocks



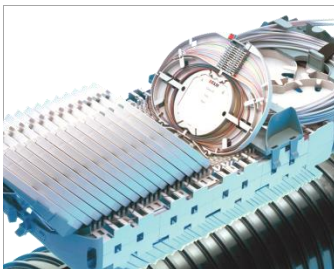
Fiber dividing plate for SCM Closure Backbone **Small**

- min. bending radius 40mm
- side change of fibers without threading



Fiber dividing plate for SCM Closure Backbone **Medium/Large**

- min. bending radius 40mm
- fiber guidance without crossing even for side or direction changes
- side change of fibers without threading
- separate storage for unused fibers



Single Circuit Management Tray System

- modular tray system
- minimum bending radius 40mm
- SC tray for up to 12 fibers
- SE tray for up to 24 fibers
- splitter trays for 2:32 splitters
- trays secured by Velcro tie