

FST Closures

5

	Page
5.1 FST Closures	
Introduction	80
FST 13 Port Closure	82
FST 4 Port Closure	83



Introduction



The FST is a compact cap-ended ready access closure for use in aerial, underground and directly buried installations.

Its small size, port flexibility and value makes the FST popular for splicing low fibre count distribution cables in FTTH, FTTK, trunk and campus networks, CATV and CCTV installation.

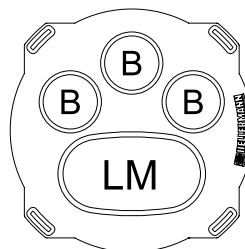
There are 2 base configurations available with the FST, a 4 port and 13 port base, which offer 3 or 12 round ports and 1 oval port for loop through applications.

The cover is environmentally sealed to the base using a rolling 'O' ring. The cable entry/exit points in the base are environmentally sealed using either Cablelok mechanical seals or heatshrink sleeves depending on the base selected.

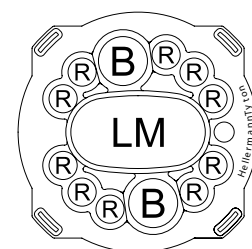
Features and Benefits

- Ideal for FTTH, FTTK, trunk and campus networks, catv and CCTV installation
- 2 base configurations offering 3 or 12 round ports and 1 oval port (for loop through cable)
- Suitable for blown fibre/cable applications
- Accommodates up to 3 Hellapon Small trays
- Fibre Loop Storage Basket available with Hellapon Small 1 tray version
- Cablelok compatible for all port sizes
- Accessory wall mounting bracket
- For use in underground, direct burial and aerial applications

Port	Number of Ports	Cable Range (mm)	
		Cablelok	Heatshrink
LM	1	2 x 4.0 – 15.0	2 x 8.0 – 22.0
B	2 or 3	4.8 – 16.5	6.0 – 19.0
R	10	1.7 – 9.5	-



FST 4 Port Base Configuration



FST 13 Port Base Configuration



Cover Reference	Closure Width (mm) D1	Closure Length (mm) L	Hellapon Small	
			Single Tray	Max Splice Capacity
A	110	310	*3(1)	36

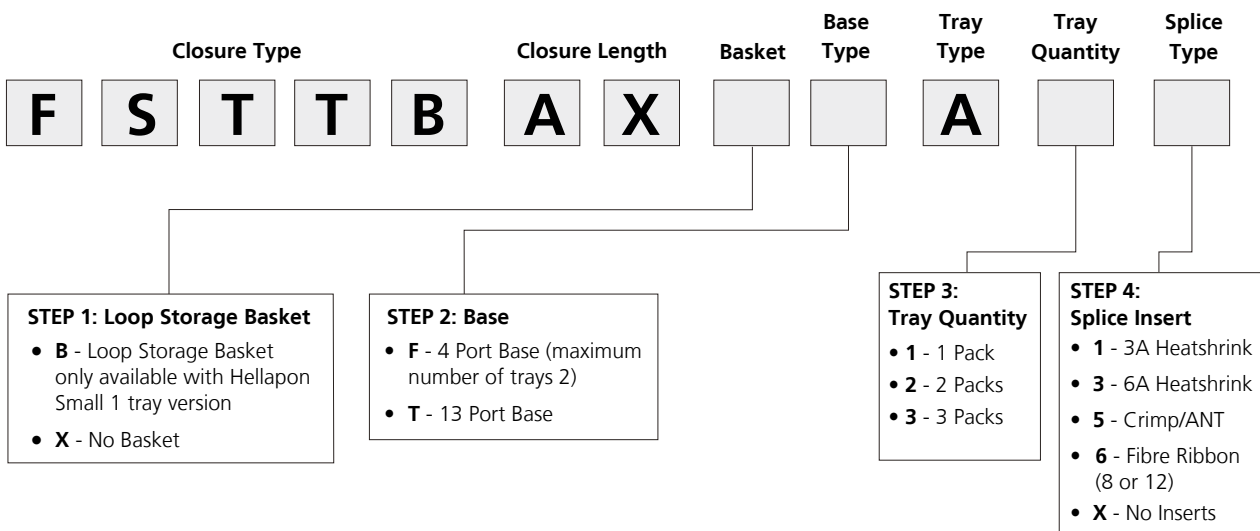
*Single tray count (tray pack/ordering multiple) Hellapon Small – 12 splices per tray

HellermannTyton closures with tubing fibre management system are supplied in standard configurations, with fibre management and splice trays included, ready to use. If a standard configuration is not suitable, the closures can be supplied with no splice trays which can then be ordered separately. Port seals (Cablelok and heatshrink) and accessories (e.g. mounting brackets) must be ordered separately.

Part Number Identification

Identifying the correct part number is a simple process:

- STEP 1:** Decide if a loop storage basket is required – loop storage basket only available with Hellapon Small 1 Tray option.
- STEP 2:** Decide the number of ports required.
- STEP 3:** Decide on the quantity of Hellapon Small trays required. All Hellapon Small trays are supplied with 2 x 3A heatshrink splice protector bridges (12 splice capacity). If the closure is required with alternative splice protectors, then an unloaded closure should be ordered with separate splice trays. Please refer to Chapter 12 for additional tray packs and splice types
- STEP 4:** Select any additional accessories.





FST 13 Port Closure

Features and Benefits

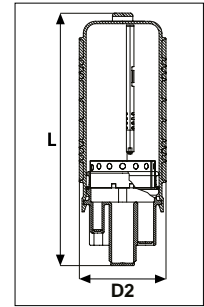
- Maximum 36 fibre splice capacity
- 12 round ports and 1 oval port
- Fibre storage basket for loop through applications (Hellapon msmall 1 tray version only)
- Accommodates Hellapon small trays
- Maximum 12 splices per tray
- Splitter accommodation
- Cablelok compatible for all port sizes
- Quick release cover



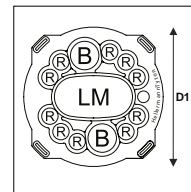
FST 13 Port Closure with Small Hellapon Trays and Basket



FST Closure Cover



FST 13 Port Closure with Small Hellapon Trays



FST 13 Port Base Configuration

Technical Description

The FST 13 Port closure is supplied with a Polypropylene base. The base configuration of 12 round ports and 1 oval port covers a cable diameter range of 1.7 – 16.5mm when using Cablelok mechanical seals.

The mounting system is manufactured from Grade 304 stainless steel and can accommodate a maximum of 3 Hellapon small trays or 1 Hellapon small tray and basket giving a maximum of 36 fibre splices based on 12 splices per tray. The fibre basket provides storage space for the storage of fibre loops within the closure.

The tubed closure and the position of the mounting system allows for ease of access and traceability of the fibre in to the trays.

The trays are white which makes it easy to see the colour of the fibre elements as they are routed through the fibre management system and into the trays.

Technical Data Table

Article-No.	Type	Dimensions			Base Type	Tray Type	Tray Quantity	Splice Protector Type
		Width D1 (mm)	Width D2 (mm)	Length L (mm)				
857-00618	FSTTB-AXBTA11	110	110	310	Cablelok™, Heatshrink	Hellapon Small	1	3A
857-00617	FSTTB-AXXTA21	110	110	310	Cablelok™, Heatshrink	Hellapon Small	2	3A
857-00619	FSTTB-AXXTA31	110	110	310	Cablelok™, Heatshrink	Hellapon Small	3	3A

Products listed are for standard configurations, other configurations and splice insert types are available - see Page 141

Content of Set/Kit

- FST 13 Port Base
- Anchor Ring
- A-Length Cover (Dome)
- Quick Release Clamp
- Sealing 'O' Ring
- Fibre Storage Basket (1 tray version only)
- Tray Support Frame
- Anchor Fixing Kit (2)
- Tray Tool (3 tray version only)
- Hook and Loop Tray Securing Strap (3 tray version only)
- Transportation Tubing
- Marker Kit
 - Red Marker 1 – 12
 - Green Marker 1 – 12
- Isopropyl Alcohol Wipes
- Desiccant
- Installation Guide



FST 4 Port Closure

Features and Benefits

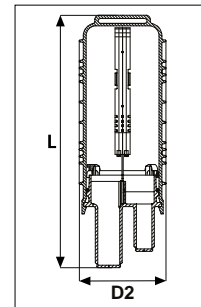
- Maximum 24 fibre splice capacity
- 3 round ports and 1 oval port
- Fibre storage basket for loop through applications (Hellapon small 1 tray version only)
- Accommodates Hellapon small trays
- Maximum 12 splices per tray
- Splitter accommodation
- Cablelok compatible for all port sizes
- Quick release cover



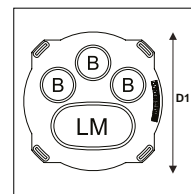
FST 4 Port Closure with Hellapon Tray



FST Closure Cover



FST 4 Port Closure with Hellapon Trays



4 Port FST Base (Heatshrink & Cablelok™)

Technical Description

The FST 4 Port closure is supplied with a Polypropylene base. The base configuration of 3 round ports and 1 oval port covers a cable diameter range of 4.0 – 16.5mm when using Cablelok mechanical seals and 6.0 – 22.0mm when using heatshrink.

The mounting system is manufactured from Grade 304 stainless steel and can accommodate a maximum of 2 Hellapon small trays or 1 Hellapon small tray and basket giving a maximum of 24 fibre splices based on 12 fibres per tray. The fibre basket provides storage space for the storage of fibre loops within the closure.

The tubed closure and the position of the mounting system allows for ease of access and traceability of the fibre in to the trays.

The trays are white which makes it easy to see the colour of the fibre elements as they are routed through the fibre management system and into the trays.

Technical Data Table

Article-No.	Type	Dimensions			Base Type	Tray Type	Tray Quantity	Splice Protector Type
		Width D1 (mm)	Width D2 (mm)	Length L (mm)				
857-00616	FSTTB-AXBFA11	110	110	310	Cablelok™, Heatshrink	Hellapon Small	1	3A
857-00615	FSTTB-AXXFA21	110	110	310	Cablelok™, Heatshrink	Hellapon Small	2	3A

Products listed are for standard configurations, other configurations and splice insert types are available - see Page 141

Content of Set/Kit

- FST 4 Port Base
- A-Length Cover (Dome)
- Quick Release Clamp
- Sealing 'O' Ring
- Fibre Storage Basket (1 tray version only)
- Tray Support Frame
- Anchor Fixing Kit
- Transportation Tubing
- Marker Kit
 - Red Marker 1 – 12
 - Green Marker 1 – 12
- Isopropyl Alcohol Wipes
- Desiccant
- Installation Guide

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