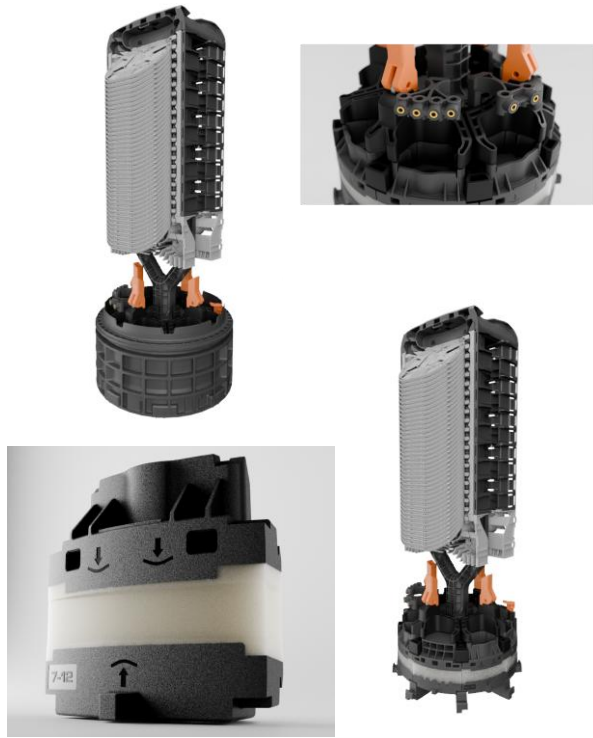




DESIGN & CONSTRUCTION

- A large closure for optical cable splicing with two vertical tray stacks.
- Maximum capacity is 1344 fibres using 12 fibre single element trays.
- Capacity can be increased to 2688 fibres using 24 fibre single element trays or 4032 fibres using 36 fibre single element trays.
- Eight entry positions where Fast Access modules can be inserted to seal around one or multiple cables
- Two input manifolds manage cable tubes to a common routing channel.
- Input manifolds enable fibres to be passed from stack to stack.
- Can accommodate a range of splitter modules from 1x2 to 2x64.
- The closure is sealed to IP68.

For installation instructions please scan the QR Code



PRODUCT DESCRIPTION

The Fast Access Closure is used for access applications within the external optical network and can be used for track, spur and loop applications. It can accommodate a wide variety of cables such as loose tube, central loose tube, Flex tube and blown fibre. The modular tray system is designed for positive fibre management for Single Circuit Management (SCM) and Single Element Management (SEM), and the splice trays can accommodate a variety of different types of splice protectors and splitters. The joint has eight Fast Access module positions. Fast Access modules are used to seal around the cables. The modules can seal around one or multiple cables depending on the cable diameters being installed. The closure can be mounted using one of the mounting brackets available or directly buried.

- Required space envelope (mm):

(l) 560 x (d) 310 for LMJ Short Cap
(l) 675 x (d) 310 for LMJ Medium Cap
(l) 800 x (d) 310 for LMJ Long Cap
- Splice Tray Capacity

		LMJ Short Cap	LMJ Medium Cap	LMJ Long Cap
Single Height Single Element				
Maximum number of trays		48 trays (24 + 24)	80 trays (40 + 40)	112 trays (56 + 56)
Splice protector size / type	Splices per tray	Maximum splice capacity per cap length		
1.3	12F	576f	960f	1344f
	24F	1152f	1920f	2688f
	36F	1728f	2880f	4032f
CRIMP	12F	576f	960f	1344f
2.2	12F	576f	960f	1344f
	16F	768f	1280f	1856f
2.4	12F	576f	960f	1344f
Single Height Single Circuit				
Maximum number of trays		48 trays (24 + 24)	80 trays (40 + 40)	112 trays (56 + 56)
Splice protector size / type	Splices per tray	Maximum splice capacity per cap length		
1.3	8F	384f	640f	896f
2.2	4F	192f	320f	448f
Double Height Single Element				
Maximum number of trays		24 trays (12 + 12)	40 trays (20 + 20)	56 trays (28 + 28)
Splice protector size / type	Splices per tray	Maximum splice capacity per cap length		
RIBBON	48F	1152f	1920f	2688f
MICRO MODULE	24F	576f	960f	1344f

Technical data

• Minimum Fibre Bend Radius (mm):	30
• Number of Cable Ports:	8
• Cable Diameter Range (mm):	4-28
• Cable Retention (N):	
- Circular Port:	> Cable (Ø/45) x 500N with central strength member secured.
- 4 Way Multi Way (in circular port):	> 150N for cables with Aramid yarns, > 30N for cables without Aramid yarns
• Splitter capacity:	See page 4
• Operating temperature:	-20oC to + 60oC (5 to 95% RH)
• Material:-	
· Cap & Base:	GF Polypropylene
· Base ring	High Impact Polypropylene
· Clamp:	GF Nylon
· Splice Trays:	ABS
· Testing:-	
· Closure Sealing:	IP68 (5 metres) (IEC 61300-2-23)
· Optical:	Tested 1310nm,1550nm, 1625nm
· Change of Temperature:	IEC 61300-2-22
· Dry Heat:	BS EN 60068-2-2 Test Bb
· Damp Heat:	IEC 60068-2-3: 1969
· Vibration:	IEC 61300-2-1
· Shock	IEC61300-2-9
· Torsion:	IEC 61300-2-5
· Bending:	IEC 61300-2-37
· Impact:	IEC 61300-2-12
· Drop	IEC60068-2-32
· Cable Retention:	IEC 61300-2-4
· Crush Resistance:	IEC 61300-2-10

Logistics

Packing Dimensions (mm):	MOQ: 1 pallet
• (l) 678 x (d) 342 x (w) 302 Short Cap	• Short Cap: 16 boxes (4 boxes x 4 layers)
• (l) 678 x (d) 342 x (w) 302 Medium Cap	• Medium Cap: 12 boxes (4 boxes x 3 layers)
• (l) 842 x (d) 342 x (w) 302 Long Cap	• Long Cap: 12 boxes (4 boxes x 3 layers)
*Packed Weight (Kg):	
• Short Cap: 7.0	Pallet Dimensions (mm):
• Medium Cap: 7.8	• (l) 1200 x (d) 1368 x (w) 800 Short Cap
• Long Cap: 8.8	• (l) 1200 x (d) 1026 x (w) 800 Medium Cap
	• (l) 1200 x (d) 1026 x (w) 800 Long Cap
*Net Weight (Kg):	
• Short Cap: 5.6	
• Medium Cap: 6.5	
• Long Cap: 7.3	
• weights do not include trays or kits	

Kit Contents

The Fast Access Closure is supplied as an empty closure with a cap, a base, a clamp ring, a sealing gasket and a tray support frame.

The closures can also be pre-configured by Prysmian. Using the configurations and part number creation tool shown below.

If the closure is supplied with Fast Access modules, they will not be attached to the base, they are supplied loose in the box. The Cable Fast Access modules can also be ordered separately.

Additional Items

- Cable Fast Access modules
- Splicing modules
- Splitter modules
- Splice protectors
- Mounting brackets

Part Numbers

The Fast Access Closure is supplied in three different sizes depending on the splice capacity required. The closure is supplied in various configurations. The closure has 8 positions for Fast Access modules to be inserted, that must be ordered separately.

Cap Length Blank Modules Tray Type			
Part Number			
XGCSC00014	Short	0	None
XGCSC00015	Medium	0	None
XGCSC00016	Long	0	None
XGCSC00017	Short	8	48 x 12f 2.2
XGCSC00018	Medium	8	80 x 12f 2.2
XGCSC00019	Long	8	112 x 12f 2.2
XGCSC00004	Short	8	48 x 12f Crimp
XGCSC00005	Medium	8	80 x 12f Crimp
XGCSC00006	Long	8	112 x 12f Crimp



LFA CLOSURE CONFIGURATOR

CLOSURE

CLOSURE SIZE

TRAY TYPE

FA MODULES

VALVE TYPE

NUMBER OF PACKS OF 50 SPLICE PROTECTORS

SPLICE PROTECTOR TYPE

LFA

S

H

X X X X X X X X

X

15

C

LMJ FAST ACCESS CLOSURE

SHORT

CRIMP

PORT 1 PORT 2 PORT 3 PORT 4 PORT 5 PORT 6 PORT 7 PORT 8

TEST VALVE

15 PACKS OF 50

2.2 X 45MM

Select Joint Size

Select Tray Type Side A

Select LFA Module. Up to 8 modules can be supplied with the closure.

Select Valve type

Select No of Splice Protector Packs between 0 and 85

Select Splice Protector type

S = Short 48 Tray
M = Medium 80 Tray
L = Long 112 Tray

X = None
C = SC 8F 1.3
D = SC 4F 2.2
E = SE 12F 1.3
F = SE 24F 1.3
G = SE 36F 1.3
H = Crimp 12F
J = SE 12F 2.2
K = SE 16F 2.2
L = Ribbon 4x12F
M = Micromodule
N = SE 12F 2.4

X = LFA Module - Blank
A = LFA Module - Single entry 12-16mm
B = LFA Module - Single entry 16.1-20mm
C = LFA Module - Single entry 20.1-24mm
D = LFA Module - Single entry 24.1-28mm
E = LFA Module - Dual Entry 7-12mm
F = LFA Module - Quad Entry 4-8mm

X = NONE
V = TEST VALVE
P = PRV

A = 1.3
B = 2.2
C = CRIMP
D = RIBBON
X = NONE

Additional items

Fast Access Cable Modules

The closure can house up to eight modules. Dependant on the part number ordered, the correct modules may already be included, if not then you can order additional modules as required to configure the closure for your application. Unused entries in the base must be populated with Blank modules.



Typical weight of a kit: TBC

Prysmian Part Number	Module type	Sealing type	Min Cable Ø	Max Cable Ø
XJTSC04576	Single	FA	12.0	16
XJTSC04577	Single	FA	16.1	20.0
XJTSC04578	Single	FA	20.1	24.0
XJTSC04564	Single	FA	24.1	28.0
XJTSC04565	Dual	FA	7.0	12.0
XJTSC04566	Quad	FA	4.0	8.0
XJTSC04567	Blank	FA	-	-

Splicing modules

Splicing modules are available to be installed into the LMJ Fast Access Closure. Single element (SE) modules for 12f, 24f and 36F per tray can be utilised using 1.3mm splice protectors. A 12f per tray module is also available for 2.2mm splice protectors. Single circuit modules have double the tray capacity in the same space envelope. This is achieved using a double splice tray where each tray unit incorporates a hinged second tray within the first tray. Each SC tray can accommodate 4 spliced fibres. A crimp splice tray is also available (using the same tray as 36f 1.3). The 36f tray can also be used for 12f and 24f. When used as a 12f tray splice protectors no longer need to be stacked.



Typical weight of a pack of trays 145g.

		LMJ Short Cap		LMJ Medium Cap		LMJ Long Cap	
Part Numbers	Tray Type	Modules	Splices	Modules	Splices	Modules	Splices
XJTSC02145	SC 4 1.3	48	384f	80	640f	112	896f
XJTSC04586	SC 4 2.2	48	192f	80	320f	112	448f
XJTSC02144	SE 4 12F 1.3	48	576f	80	960f	112	1344f
XJTSC02261	SE 4 24F 1.3	48	1152f	80	1920f	112	2688f
XJTSC02468	SE 4 Crimp	48	576f	80	960f	112	1344f
XJTSC02468	SE 4 36F 1.3	48	1728f	80	2880f	112	4032f
XJTSC02262	SE 4 12F 2.2	48	576f	80	960f	112	1344f
XJTSC04587	SE 4 16F 2.2	48	768f	80	1280f	112	1856f
XJTSC02897	2 x Ribbon	24	1152f	40	1920f	56	2688f
XJTSC04588	Micro-module	24	576f	40	960f	56	1344f
XJTSC04602	SE 4 12F 2.4	48	576f	80	960f	112	1344f

For a full range of tray assemblies, please refer to datasheet AC064.

* Single circuit trays are double trays where each tray unit comprises of a splice tray with a hinged inner splice tray providing two trays in a single tray footprint, where each of the two trays can accommodate 4 splices.

Additional items

Item	Prysmian Part No.	Description	Image
WALL/POLE MOUNTING BRACKET	TBC	The Wall / Pole Mounting Bracket allows a Joint to be mounted vertically against a wall or a pole. The bracket is secured using either bolts or screws (provided).	
HANDLE KIT	XJTSC02548	The Handle Kit contains two handles and two long cable ties. The handles can be strapped to the LMJ cap to ease lifting in and out of the jointing pit.	
EXTERNAL TUBE FIXATION BRACKET - LFA	TBC	The External tube fixation bracket is used to offer additional retention and support to cables and tubes entering the joint. The bracket fits the outside of the joint base and is made of Stainless Steel.	
SPLITTERS	XSPSG00426 (1x4) XSPSG00432 (1x8) XSPSG00630 (1x16) XSPSG00413 (1x32)	A range of optical splitters are available to install into the joint. The splitters have 2 metre input and output legs with 250-micron G657A1 fibre. For full technical information on the splitters refer to data sheet AC005. All 2.2 splice trays can house 1 splitter. The top of the closure can house up to four splitters. Contact Prysmian to discuss the best splitter layouts.	
SPLICE PROTECTORS 1.3	XKTSC01284 (Pack of 12) XPESC00057 (Pack of 50)	Splice protectors are used to protect the fibre splice. They are 1.3mm in diameter and 30mm in length.	
SPLICE PROTECTORS 2.2	XKTSC00050 (Pack of 12) XPESC00053 (Pack of 50)	Splice protectors are used to protect the fibre splice. They are 2.2mm in diameter and 45mm in length.	
SPLICE PROTECTORS CRIMP	XKTSC00079 (Pack of 12) XKTSC00078 (Pack of 50)	Splice protectors are used to protect the fibre splice. They are 1.3mm x 3.2mm and 30mm in length.	