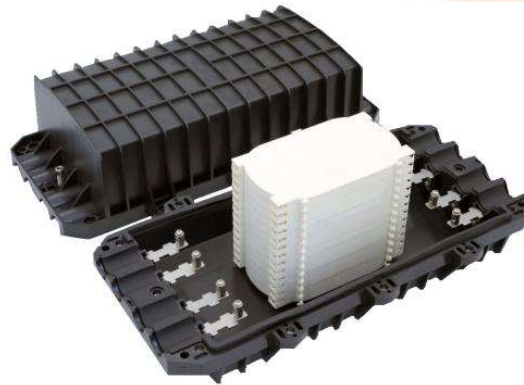




FIBRE MANAGEMENT

INLINE SPLICE ENCLOSURE

IM-432



Description

A Fibre Optic Splice Closure is an essential component for managing fibre optic cables in various networks. It protects splices, stores excess cables, and distributes them. It can be used in straight-through and branching applications indoors or outdoors. It comes in two shapes: inline and dome. There are standard closures for splicing and FTTH closures for accommodating splitters in FTTH networks.

LXM-FOSC-IM432-8 Inline Type Fibre Optic Splice Closure (FOSC) is mechanical sealing for reusable application IP68 according to the standard EN60529 .

Features:

- Easy access to installation, maintenance and future expansions.
- Excellent sealing against water ingress and harsh environment
- Hinged splice trays for easy expansion without disturbing spliced fibres.
- Degree of protection against mechanical impacts and shock resistance IK 10 According to standard EN 50102
- Compatible with standard normal fibre cable types

Specification:

Model	LXM-FOSC-IM432-8
Type	Inline type
Number of Inlet/Outlet ports	8ports
Cable Diameter (Maximum)	22mm



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Fibre capacity (single)	432 fibres
Capacity per Splice Tray	Bunchy: single layer: 12 fibres; dual layers: 24 fibres;
Quantity of Splice Tray	18pcs
Body Material	ABS Polycarbonate
Sealing Material	Thermoplastic rubber
Assembling method	Aerial, direct buried, pipelined, wall mounting, manhole
Dimension	450(L)×250(W)×240(H)mm
Compliant environment	EN60068x2x11 and EN60068x2x17
Temperature	-40°C~70°C
Optical fibre winding radius	≥40mm
Extra loss of fibre tray≤0.01dB	≤0.01dB
Lateral pressure-resistance	≥2000N / 10cm
Climatic test and mechanical	EN60068x2x32

Main Components:

Item	Name	Usage	Quantity
1	Housing (Bottom)	To protect splices of fibre optic cables	1pc
2	Housing (Cover)	To protect splices of fibre optic cables	1pc
3	Insertion Plate	To fix the housings	2 pairs
4	Splice Tray	To fix Fibre Splice Protective Sleeves	Max. 18pcs
5	Foundation	To fix fibre cable, strength member and splice trays	1pc
6	Sealing Grommet	To seal bottom and cover	1 set
7	Plug	To seal empty ports	6pcs
8	Bolt	To fix bottom and cover	1 set

Standard Accessories:

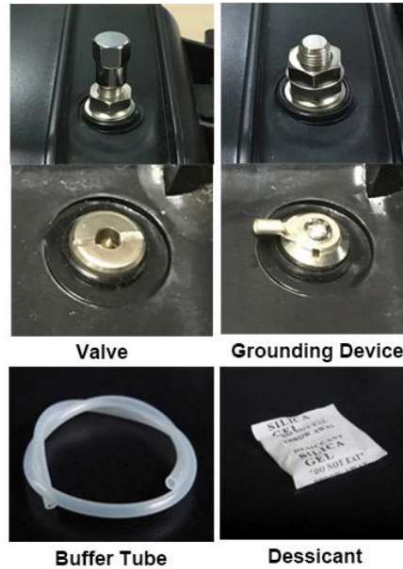
Item	Name	Usage	Quantity
9	Fibre Splice Protective Sleeves	To protect fibre splices	Same as capacity
10	Nylon Tie	To fix buffer tubes with fibres inside	8pcs
11	Insulation Tape	To enlarge cable diameter for fixation	1 roll
12	Sealing Tape	To enlarge cable diameter for sealing grommet	1 roll
13	Hanging Hook	For aerial installation	2pcs
14	Grounding Wire	To connect with grounding device	1pc
15	Abrasive Cloth	To polish fibre optic cable	1pc
16	Labelling Paper	To label fibres	1 set
17	M8 Wrench	To screw bolts of housing and insertion plates	1pc
18	M6 Wrench	To screw small bolts of housing	1pc
19	M10 Wrench	To screw nuts for strength member	1pc
20	Measuring Paper	To measure perimeter of fibre cable	1pc
21	User Manual	To instruct installation	1pc



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Optional Accessories:

Item	Name	Usage	Quantity
1	Valve	To perform pressure and sealing testing	1pc
2	Grounding Device	To derive metallic components of fibre cable	1 set
3	Buffer Tube	To protect fibres and be fixed on splice trays	specified
4	Desiccant	To desiccate air in FOSC after sealing	1 bag

Ordering Information:

Brand	LINXCOM UK
Name	FOSC: Fibre Optic Splice Closure
Shape and Sealing	IM432: Inline type mechanical sealing 432 Cores
Cable Port	8=8 Ports
Fibre Optic Splice Tray	12: 12-core 24: 24-core 1: 1 tray 2: 2 trays
Number of Splice Trays	3: 3 trays 18: 18 trays
Valve	V: Valve included
Grounding Device	G: Grounding device included

Example Part Number: LXM-FOSC-IM432-8-241-VG