

Type:	Fiber optic closure, thermic type	
PN:	FOBP-Tx, see ordering information	REV: 1.6
Date:	20.06.2018	AŁ
Modification:	08.05.2019	DP

Distribution fiber

FIBRAIN FOBP fiber optic closure, thermic type of ports seals



DESCRIPTION:

The fiber optic closure FOBP is the element which is used to connect and protect the fiber optic connections in different applications. The fiber optic closure are specifically designed for connecting optic fiber routes as well for branchings. Fibrain FOBP closure can be placed in aerial application or wall-mounted in the manholes. FOBP thermic type closure is equipped with 4 round ports for single cable with max. diameter Ø20 mm, 8 round ports for single cable up to Ø10 mm and one oval entrance for uncut cable. Depending on the size the fiber optic closure capacity is up to 144 or 288 fibers. FOBP closure can be equipped with adapters panel (9x SC SX for 144F, 18x SC SX for 288F closure). The closure can be widely used in all types of FTTx telecommunications system architecture.

APPLICATIONS:

Nodal points of fiber optic networks;
Distribution points of fiber optic networks;
FTTx networks;

FEATURES AND BENEFITS:

Max. capacity up to 288 splices;
Thermic type of port seals;
Possibility of placing single cable:
4x Ø20 mm,
8x Ø10 mm;
Possibility of placing uncut cables
Aerial or inside a manhole mounting;
Built-in organizer for fiber optic tubes;
Possibility of mounting Alubox splitters
(1:4, 1:8 – mounted in splice tray or dedicated handle (1pc),
1:16 – mounted in dedicated handle).

TECHNICAL SPECIFICATION:

Technical data	FOBP-144	FOBP-288
Max. number of fibers	144	288
Max. number of splices	144	288
Max. number of splice trays	12	24
Max. splice tray capacity	12	
Range of cable diameter for 8 round ports [mm]	3-10	
Range of cable diameter for 4 round ports [mm]	6 - 20	
Range of cable diameter for oval port [mm]	8 - 25	
Max. number of cable entrances	13	
Dimensions [mm]	293x438x162	293x568x162
Leakproofness of ports	thermic	
Type of entrance cables	Duct cables, aerial cables	
Working temperature	-40°C - +70°C	
IP protection	IP68	
Pull box compatibility:		
-minimum chamber diameter [mm]	240	
-minimum chamber depth [mm]	350	



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EQUIPMENT:






Components	Qty
Dome of fiber optic closure	1 pcs
Base of fiber optic closure	1 pcs
Internal cable organizer	1 pcs
Clamp	1 pcs
Installation clamp	2 pcs
Seal	1 pcs
Splice trays holder	1 pcs
Splice tray SCM-B-12H-WH	1 pcs
Seal kit for 8 round ports FOBP.U2	1 pcs
Seal kit for 4 round ports and oval port FOBP.U1	1 pcs
Wall-mounting adapter	1 pcs
Accessories set (clip with glue, sand paper, aluminium tape, insulating tape, cable ties)	1 pcs
Velcro tapes for cable tubes arrangement, width 16 mm	20 cm

ADDITIONAL EQUIPMENT:

	Splice tray	SCM-B-12H-WH
	Splice trays holder (capacity up to 4x SCM-B-12H-WH)	SCM-B-H-WH
	Adapters – SC SX/E2000 SX	A101-xx, ADR-xx
	Splitters	FPLC-xx in AluBox housing
	Pigtails	G-xx
	Cable reserve frame	SZ-D-FOBP-ZN-P
	Bottom mounting holder for cable reserve frame	UMD-SZ-D-FOBP-ZN-P

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	Accessories set (clip with glue, sand paper, aluminium tape, insulating tape, cable ties)	FOBP.AS
	Adapter panel 9x SC SX for 144F closure	FOBP.AP.09
	Adapter panel 18x SC SX for 288F closure	FOBP.AP.18
	Seal kit for thermic ports, heatshrinks for oval ports and 4 pcs for round ports for 20 mm cable diameter	FOBP.U1
	Seal kit for thermic ports, heatshrinks for 8 pcs for round ports for 10 mm cable diameter	FOBP.U2

ORDERING INFORMATIONS:

FOBP-TA-BBCDE-XFFGHI-JJKLM-NOP-RST-U

Syntax order

A – Closure size	1 – 144 splices 2 – 288 splices
BB – Splice trays qty	1 -12(@144F closure), 1- 24 (@288F closure)
C – splice tray cover	1 – cover on first (top) splice tray 2 – cover on all splice trays
D – Splice trays holder qty	1-3 (@144F closure), 1-6 (@288F closure)
E – Splice protectors	0 – without 1 – in equipment (qty according to splice trays numbers)
X – Adapters panel	1 – 9x SC SX (@144F closure) 2 – 18x SC SX (@288F closure)
FF – Adapters qty	1-9 (@144F closure), 1-18 (@288F closure)
G – Adapter class	1 – Standard One-Piece 2 – Premium One-Piece with internal shutter
H – Adapter type	1 – SC/PC 2 – SC/APC 3 – E2000/PC 4 – E2000/APC
I – Transmission	1 – SM 2 – MM
JJ – Pigtails qty	1-18
K – Connector type	1 – SC/PC 2 – SC/APC 3 – E2000/PC 4 – E2000/APC
L – Pigtails grade	G – Gold
M – Fiber type	A – G.652D B – G.655 C – G.656 D – G.657A1 E – G.657A2 F – G.657B2 G – G.657B3 H – MM OM1

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N - Pneumatic volve

O - Grounding line

P – Cable reserve frame

R – Splitters qty 1:4 type

S – Splitters qty 1:8 type

T – Splitters qty 1:16 type

U – Bottom mounting holder

I – MM OM2
K – MM OM3
L – MM OM4

0 – without
1 – in equipment, non-mounted
2 – in equipment , mounted

0 – without
1 – in equipment
0 - without
1 – in equipment

0 - 24
0 - 24
0 - 1

0 – without
1 – in equipment, mounted

Important notice

Buyer and/or user of this product has to make sure before using this product that it is suitable for the intended use. All questions of liability relating to this product are subject – in accordance with the prevailing – to the Terms of Sale of the selling Fibrain subsidiary.

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