CORNING

Fibre Closure BPEO S1.5

Fibre Closures BPEO can be used for underground, aerial or wall applications. They are mechanical and tool free, support external cable preparation and flexible fibre management.

The Fibre Closure BPEO size 1.5 is equipped with a tray organiser that enables management of loose tube mid-span feeder cables while still offering the capacity for 144 fusion splices or 288 fusion splices with low-bend-radius fibre. This closure offers the same footprint as the BPEO size 1 and uses the same mounting accessories.

Two versions of the BPEO size 1.5 are available, offering either 25 ports for less than 7 mm round drop cable or 13 ports for less than 9.5 mm round drop cable. Each configuration has 2 extra ports for branch cables.
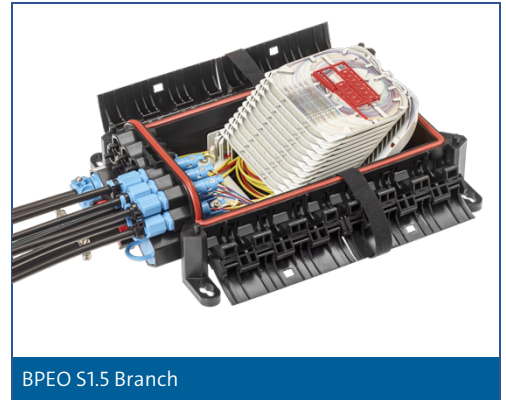

BPEO S1.5 Branch

Specification

General sealing: IP68
5-meter water height, 7 days
Impact test: 20 joules, IK10 (ambient)
Operating temperatures: -40C° to +65C°
Volume: 5.6 litres

Dimensions overall mm (in)	
Length	382 (15.0)
Width	204 (8.1)
Depth	120 (4.7)

Features and benefits	
IP68 design	Reliable and watertight, with an integrated valve for flash on-site testing
Tool-less opening and closing	Quick-and-easy installation
Integrated sealing gasket	Ensures water tightness and remains functional even after several open/close operations
Use of ECAM: External Cable Addition Module	Easy and fast addition of loop and drop cables, without disrupting already installed fibre
ECAM Ports	Modular: supports single or double cable entry ports
ECAM Connect Drop connector compatibility	External plugging without opening closure
Efficient use of space	Up to 288 splices in less than 6 litres volume
Fibre and tube organiser	Enables management of tubes in mid-span feeder cables and fibre management, offering the capacity for 144 fusion splices, located within 12 trays, or 288 fusion splices when using low-bend-optimised fibre.

Mid-span access		
Mid-span entry (uncut)	Yes	
Tube Storage	Microstructure	Up to 288 fibres
	Loose tube 1.4 mm	Up to 288 fibres
	Loose tube 1.7 mm	Up to 144 fibres

Capacity
Capacity depends on the volume of stored/unused fibres/tubes.

Closure size	Maximum number of slots in the organiser	Fusion splices in 2-slot splice tray (high density, 45 mm sleeves) G652D and G657 fibres	Fusion splice in 1-slot splice tray (standard density for G.652D and G657 fibres)	Fusion splices in 1-slot splice tray (high density for G.657 fibre)	Fibrlok® mechanical splice 2540G (6 ea in 1-slot tray / 12 ea in 2-slot tray)
Microstructure	12	288	144	288	72
Loose tubes	12	288	144	288	72

BPEO S1.5: ordering information

Port Configuration	Description		Delivery Unit	Part Number
	BPEO-S1.5-FDP-BRANCH Fibre Distribution Point for branch cables	N501844A	1	UU004973481
	BPEO-S1.5-FDP-DROP Fibre Distribution Point for drop cables	N501846A	1	UU007740473

The Fibre Closure BPEO size 1.5 also comes in grey, which can be more attractive when used on facade. Contact your sales representative for ordering information.

This version is IP56.

BPEO S1.5 IP56

Mounting brackets

Type	Description	Delivery Unit	Catalog Number	Application
	Pole Plastic Bracket for use with Fibre Closures BPEO size 1 and size 1.5 N711892A	5	UU004018741	Pole
	Wall/Pole Plastic Bracket for use with Fibre Closures BPEO size 1 and size 1.5 N711599A	5	FQ100075909	Wall/ Manhole Pole

Selection table

	BPEO-S1.5 FDP BRANCH	BPEO-S1.5 FDP DROP 25
BPEO Size	S1.5	S1.5
Volume	< 6 L	< 6 L
Number and types of entry ports with max diameters in mm	1 Double Port D18 2 Single Ports S18 13 Single Ports S9.5	1 Double Port D18 2 Single Ports S12 25 Single Ports S7
Dual port can be used also	2 x S12	2 x S12
Cable entry for dual port	ECAM D18	ECAM D18
Cable range	6-18 mm	6-18 mm
Cable entry for port S7		ECAM S6 Drop
Cable range selected		3.8-6.2 mm
Cable entry for port S7		ECAM S7
Cable range selected		3-7 mm
Cable entry for port S9.5	ECAM S9.5	
Cable range selected	3.5-9.5 mm	
Cable entry for port S12	ECAM S12	ECAM S12
Cable range selected	4-12 mm	4-12 mm
Cable entry for port S18	ECAM S18	
Cable range selected	5-18 mm	
Organiser capacity	12 slots	12 slots
Splice capacity requested Number and types of trays	144/288 12 trays x 12/24 splices	144/288 12 trays x 12/24 splices
Splitter capacity	24	24

Separate specification documents provide information on ECAMs and Splice Trays as well as compatible cables.
A complete fibre closure catalogue is available on underline our web site, with literature code CRR 917.