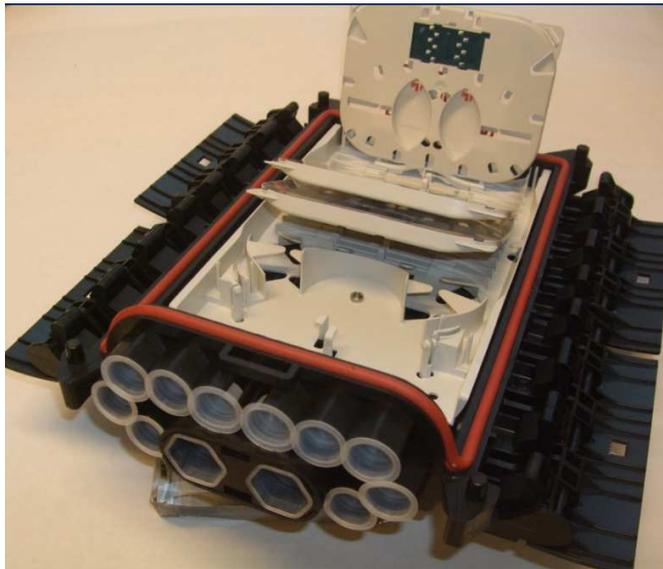


## 3M™ BPEO Size 1 For Fiber Distribution for up to 10 branch cables



The closure BPEO Size 1 FDP BRANCH

The BPEO Evolution is now recognized as a high quality standard in the world of the Fiber Watertight Closures for FTTx Networks .

Their fully mechanical cable entries ECAM type and their Trays and Organisers specifically designed to manage individually each fibers and to integrate passive components such as optical splitters are the benefits of the « BPEO Evolution » .

Such as this new front side of the BPEO Size 1 with the capability to hold up to 10 cables with a overall diameter up to 9,5 mm which have been designed for the FTTH branching networks to feed the distribution poles with mid fiber count cables .

This new front side of the BPEO size 1 is linked to the launch of the new type of single mini ECAM S9,5 which reconcile the capability to hold 10 drops and to secure the retention and the IP68 watertightness requested by underground networks .

It keeps the ECAM concept to have a progressive cable preparation away from the closure already located within a manhole without disturbing any drops already installed .

The closure is delivered with an organizer equipped with 12 slots and with cabling accessories (fibre insertion tool , fibre bridge and trays supporting ramp , mounting brackets ) .

The drops and feeder ports are delivered with proper sealing plugs.

The cable entries and the trays have to be ordered in addition to the closure .

### Features

- Latches mechanism to secure the closure closing and sealing
- Cable entries fully mechanical ECAM type
- Organiser with 3 fiber management areas
- Storing of the tubes, microstructures and fibres slack at the organiser entry
- Organiser with 12 slots for pivoting trays
- Fibre guides on each side of the organiser
- All the ports are equipped with sealing plugs
- Closure equipped with pressure valve for flash test

### Benefits

- For easy , frequent and toolless Opening and Closing
- No flame , no resin to use for cable entry preparation
- The ECAM installation is proceed at the external of the closure
- Protection for Fiber slack storage
- Trays to store 250 µm fibre
- Capability to mix numerous trays type on the same organiser
- Excellent access to work the fibre
- Reliable sealing of the closure

## Specification

Entry port configuration	Specification				
<b>Fiber Distribution Point for branch cables</b>  Double port for ECAM D6-18 or For 2 ECAM S4-12  Single Port for ECAM S3,5-9,5		<b>Sealing</b>	80 millibar in continuous 500 millibar flash test ( IP68 )		
		<b>Impact Test</b>	Resistent at 20 Joules ( IK 10)		
		<b>Volume</b>	4,7 liters		
		<b>Dimensions</b> ( in mm )	With or without the mounting bracket		
	<b>Support</b>	<b>Longueur</b>	<b>Largeur</b>	<b>Profondeur</b>	
	Without	382	204	92	
	Wall			97	
	Pole			122	
	<b>Color</b>	Black			
	<b>Material</b>	Thermoplastic			

## Ordering References

## Ref. No.

### The closure



BPEO size 1 EVOL 12 slots

**N501719B**

Plastic Mounting Bracket for BPEO size 1

### The cables entries



Single Mechanical ECAM for drop cable  
From 3,5 to 9,5 mm in diameter

**N721172A**



Single Mechanical ECAM EVOL for direct feeder  
From 4 to 12 mm diameter

**N530128A**



Double Mechanical ECAM EVOL for uncut feeder  
From 6 to 18 mm ( Bulk packaging of 10 pcs )

**N721162A**



Lot of 10 Kits sealing for uncut feeder diameter 6 to 9 mm  
Lot of 10 Kits sealing for uncut feeder diameter 9 to 12 mm  
Lot of 10 Kits sealing for uncut feeder diameter 12 to 15 mm  
Lot of 10 Kits sealing for uncut feeder diameter 15to 18 mm

**N721163A**

**N721164A**

**N721165A**

**N721166A**

### The Trays

The trays have to be chosen according to the type of splices , splitter or not , single or double density ( tray of 12 fusion splices on 1 slot only )  
The information 1 slot or 2 slot allows to determine the necessary splicing capacity in order to set consequently the size of the closure .  
The tray 5 mm thick uses 1 slot of the organiser.  
The tray 10 mm thick uses 2 slots of the organiser.



#### BPEO-K7-1SLOT-12 fusion

Compatible with heatshrink splice protection of 45 mm  
Tray delivered with cover

**N541106A**



#### BPEO-K7-1SLOT-9 fusion with splitter

Compatible with heatshrink splice protection of 45 mm  
Tray delivered with cover

**N541113A**

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#### 3M Telecommunications

Europe, Middle East & North Africa  
c/o 3M Deutschland GmbH  
Carl-Schurz-Strasse 1 . 41453 Neuss . Germany  
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Dr.Nr. 07-401-26100 Index 1

Tel: ++49 (0)2131 / 14-5999

Fax: ++49 (0)2131 / 14-5998

Internet: [www.3MTelecommunications.com](http://www.3MTelecommunications.com)