





## 3M BPEO Size 1,5 EVOLUTION

### 12 TRAY ORGANIZER

BPEO Evolution is the new generation of cable joint protection for transport, distribution and FTTH applications.

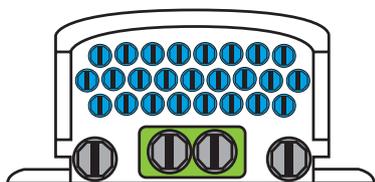
The product range is designed to the high standard of original BPEO closures, with the ECAM mechanical cable entries and with a new generation of organizers and trays called "BPEO Evolution"

These organizers and trays were developed to permit single circuit management and to allow integration of splitters and other passive components into the closure.

### BPEO closure size 1,5

Density: 144 fusion splices  
 Or 72 mechanical splices  
 Or 12 splitters 1 by 8

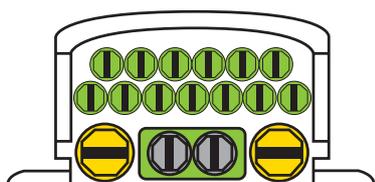
The closures are delivered fitted with an organiser with 12 slots for splice trays. The splice trays, cable entry sealings and closure supports must be ordered separately.



#### FQ100083713

N501751A

25 Single cable seal for ECAM S 4-7  
 2 Single cable seal for ECAM S 4-12  
 Dual cable seal for ECAM D18 or 2 ECAM S4-12 Trays

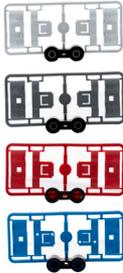


#### FQ100082442

N530234A

13 Single cable seal for ECAM S 3,5-9,5  
 2 single cable seal for Ecam S 5-18  
 Dual cable seal for ECAM D18 or 2 ECAM S4-12 Trays

To meet the need of new FTTH distribution network architectures, 3M has enlarged its portfolio of watertight closures with a new closure. Less than 6 liters in volume and able to connect 25 drops cables diameter 3 of 7 mm, 2 branch cables with diameter of 4 to 12 mm and 1 feeder cables with diameter of 6 to 18 mm. This new BPEO allows whilst staying very compact, to be a true distribution point.



## Cable Entry Kit

Mechanical cable entry sealing kits for single ports or double ports (for uncut cable) The kits are supplied complete with fixing wrench. The holder and anchors are supplied in the closure.

### ECAM D6-18

Double Mechanical ECAM EVOL for uncut feeder  
From 6 to 18 mm

Housing 6-18mm, FQ100081857	N721162A
Sealing 6-9 mm, FQ100081931	N721163A
Sealing 9-12 mm, FQ100081949	N721164A
Sealing 12-15 mm, FQ100081956	N721165A
Sealing 15-18 mm, FQ100081964	N721166A

### ECAM S 4-12 EVOL, FQ100083556 N721126A

Single entry cable sealing for cables from 4-12 mm diameter

### ECAM S 5-18 EVOL, FQ100079562 N721127A

Single entry cable sealing for cables from 5-18 mm diameter

### ECAM S 3,5-9,5, FQ100080594 N721144A

Single entry cable sealing for cables from 3,5-9,5 mm diameter

### ECAM S 3-7, FQ100084224 N721171A

Single entry cable sealing for cables from 3-7 mm diameter

**Multigromets:** (green: release, yellow: feasible)

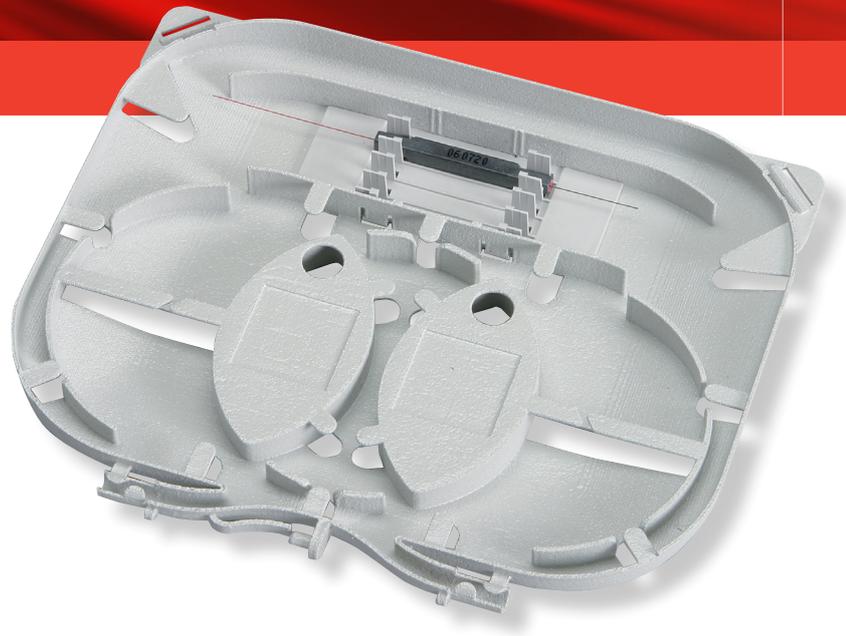
	Port S 4-12				Port S 5-18			
Cables Diameters	1,5	2	3	4	3	4	5,5	6
Number of holes	12	10	6	4	16	8	7	5

## Splice trays

The splice trays are to be selected according to the type of splice (fusion, mechanical, ie), if splitters are used or not and according to the density. (Splice tray 12 fusion splices for only 1 mounting position)

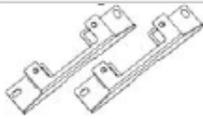
- 1 Slot means 1 tray slot of 5mm (5 mm thick tray)
- 2 Slot means 2 tray slots of 5mm (10 mm thick tray)

In order to define the appropriate capacity in the closures.



Type/Order			
	<p><b>BPE0-K7-1Slot - 12 fusion</b></p> <p>Compatible with fusion splice protector 45 or 60 mm Splice tray is supplied with a cover</p>	<b>FQ100068284</b>	<b>N541106A</b>
	<p><b>BPE0-K7-2Slot - 12 fusion and PLC splitter</b></p> <p>10mm tickness. 12 fusion splices in 2 layers Compatible with fusion splice protector 45 or 60mm Can accommodate 70 x 10 x 6 mm PLC splitters Splice tray is supplied with a cover</p>	<b>FQ100068292</b>	<b>N541104A</b>
	<p><b>BPE0-K7-1Slot - 6 Fibrlok™ 2540G</b></p> <p>6 mechanical Fibrlok™ splices in one layer in 5 mm tray Compatible to new 2540G Fibrlok™ Splice tray is supplied with a cover</p>	<b>FQ100068318</b>	<b>N541103A</b>
	<p><b>BPE0-K7-2Slot - 12 Fibrlok™ 2540G</b></p> <p>12 mechanical Fibrlok™ splices in 2 layers in 10 mm tray Compatible to new 2540G Fibrlok™ Splice tray is supplied with a cover</p>	<b>FQ100068300</b>	<b>N541108A</b>
	<p><b>BPE0-K7-2Slot - 10 Fibrlok™ 2540G and PLC splitter</b></p> <p>Splitter tray with mechanical splices Space for 70 x 10 x 6 mm PLC splitters Support to accommodate 10 mechanical splices Fibrlok™ 2540G</p>	<b>FQ100068326</b>	<b>N541110A</b>
	<p><b>BPE0-K7-2Slot - Universal for 12 splices</b></p> <p>Accept mechanical and fusion splices Splice tray is supplied with a cover</p>	<b>FQ100074373</b>	<b>N541121A</b>
	<p><b>BPE0-K7-1Slot - 9 fusion and 1 splitter</b></p> <p>Space for 70 x 10 x 6 mm PLC splitters Splice holder for 9 fusion splices Splice tray is supplied with a cover</p>	<b>FQ100074266</b>	<b>N541113A</b>

## Fixing supports

Type/Order		
	Wall support for BPEO size 1	FQ100075909 N711599A
	Pole/wall mount support for BPEO size 1	FQ100068342 N711438A

## Technical Features

- A new front side with 25 +2 + 2 ports
- The ECAM concept
- The Opening/closing mechanism with latches

## Benefits

- Density and capacity
- Preparation of new cables away from the installed closure
- Perfect for frequent Open/Close , tool-less with secured sealing



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