



# 3M™ PBPO 6-12

## Indoor Distribution Box "Floor Box"



**Internal view of PBPO 12**  
**With 4 trays 1 slot, 6 Fibrlok**  
**2540G mechanical splices. Out-**  
**let: 12 drops, 4 mm diameter 2**  
**fibre cable**

Distribution box- the interface between riser cable and customer drop cables inside the building.

Can be as "end-distribution box" and "window-cut distribution box"

#### Content:

- 1 vertical area with anchoring for riser cable
- 1 storage area for cable modules and fibres
- 1 4 slot organiser *BPEO Evolution* type
- 1 to 4 trays for splices or splitters
- Trays for fusion, mechanical splicing and splitters
- Capacity up to 48 splices

#### 2 models available

- 12 customers with independent anchoring of drops
- 24 customers with simplified anchoring system for drops

### Features

- Sliding cover
- Cable entries
  - 2 entries for riser cable
  - 12 or 24 for drop cables
- Organiser 4 slots
- Mechanical or fusion splices
- Capability for splitters
- Storage area for cable modules or bare fibres
- Re-enterable for further wiring

### Benefits

- Adapted to building riser applications
- Fibre management for splitters
- New organiser and splice trays from *BPEO Evolution* range
- Maximum splicing capacity of 48 splices
- Choice of tray types
- Large storage area
- Trays available as separate additional parts

## Specification

General product features		Specification		
<ul style="list-style-type: none"> <li>Incoming cable : maximum diameter 13,5 mm</li> <li>Customer drop cable : maximum diameter 4,5 mm</li> <li>4 slot organiser, trays 5 &amp; 10 mm <i>BPEO Evolution</i> range</li> <li>2 systems of drop cable strain relief: <ul style="list-style-type: none"> <li>-drop cables attached by cable ties to a moulded strain relief</li> <li>-drop cables attached by cable ties to a removable strain relief</li> </ul> </li> </ul>		<b>Degree of protection (EN 60529)</b>	IP 30 / IK08	
		<b>Installation:</b>	Screws (2 x M4) ( not supplied )	
<b>Capacity</b> <ul style="list-style-type: none"> <li>Fusion Splices 24 6 or 12 per tray</li> <li>Mechanical Splice* 24 6 or 12 per tray</li> <li>Splitter 1 by 8 2 1 splitter and 9 fusion splices per 10 mm tray ("2 slots")</li> </ul> <p>* Fibrlok 2540G</p>		<b>Dimensions</b> ( in mm )	without fixing supports	
			<b>Length</b>	<b>Width</b>
			204	158
				<b>Depth</b>
				52
		<b>Colour</b>	White	
		<b>Material</b>	Thermoplastic	

## Ordering information

## Ref. No.

### PBPO Indoor distribution box

- |  |                 |        |
|--|-----------------|--------|
| • <b>PBPO 24 Drop cables attached on moulded strain relief</b><br>4 slot organiser   | <b>N501504A</b> | 501504 |
| • <b>PBPO 12 Drop cables attached on removable strain relief</b><br>4 slot organiser | <b>N501505A</b> | 501505 |

### Splice Trays

- |   |                 |        |
|---|-----------------|--------|
| • <b>BPEO-K7-1 SLOT -12 fusion</b><br>Tray 1 slot depth suitable for fusion splices 45 or 60 mm long<br>Tray equipped with cover          | <b>N541106A</b> | 541106 |
| • <b>BPEO-K7-1 SLOT -6Fibrlok 2540G</b><br>Tray 1 slot depth suitable for 6 mechanical splices Fibrlok 2540G<br>Tray equipped with cover  | <b>N541103A</b> | 541103 |
| • <b>BPEO-K7-2 SLOT-12Fibrlok 2540G</b><br>Tray 2 slot depth suitable for 12 mechanical splices Fibrlok 2540G<br>Tray equipped with cover | <b>N541108A</b> | 541108 |

### Trays for Splices & Splitters

- |   |                         |        |
|---|-------------------------|--------|
| <b>BPEO-K7-1 SLOT-9 fusion &amp; PLC splitter</b><br>Tray 1 slot depth suitable for 9 fusion splices 45 or 60 mm long<br>Splitter space : 4x4x6 mm . Tray equipped with cover | <b>In Qualification</b> |        |
| <b>BPEO-K7-2 SLOT-12 fusion &amp; splitter</b><br>Tray 2 slot depth suitable for 12 fusion splices 45 or 60 mm long<br>Splitter space: 70x10x6 mm<br>Tray equipped with cover | <b>N541104A</b>         | 541104 |
| <b>BPEO-K7-2 SLOT-10Fibrlok 2540G &amp; splitter</b><br>Tray 2 slot depth suitable for 10 mechanical splices<br>Splitter space: 70x10x6 mm. Tray equipped with cover          | <b>N541110A</b>         | 541110 |

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