

# 3M™ PBO Size 2 V2

## Indoor/Outdoor FTTH Branching Point Box



**Distribution Box  
PBO Size 2**

The **PBO Size 2** is designed for use as an indoor or outdoor FTTH branching point box for a maximum of 144 fusion splices. Equipped with the BPEO Evolution organiser, the box is also suitable for mechanical splices and PLC splitter management.

Product is suitable for building distribution

The PBO 2 is based on a standard box from the BDX 3000 range already extensively used worldwide.

The hinged cover can be removed from the base . This allows work to be carried out when the box is already installed in position.

The PBO size 2 is closed with a latch and may be secured with a locking device if required.

### **Content of the standard product:**

- BDX3000 box size 2
- Organiser with 12 slots for trays
- Anchoring device for main cable and drop cable

### **Accessories**

Splice trays and closure supports should be ordered separately.

### **Features**

- Versatile product for indoor or outdoor use
- Organiser with swivelling trays
- Anchoring device for main cable and drop cable
- Wall or pole installation
- Mid span access facility

### **Benefits**

- One product matches all requirements
- Possible to reach each splice without disturbing other fibres
- Each cable is secured in place
- Possible to use in both indoor and outdoor locations

## Specification

General product features			Specification			
Connection	Capacity	Information	Degree of protection (EN 6 529)	IP 55 / IK06		
Mechanical splices *	72	6 or 12 splice trays				
Splitters 1 by 8	6	1 splitter & 9 splices in 2 slot tray				
Splitters 1 by 32	2					
Fusion splices						
High-density	144	12 splice trays 12 splices per tray				
* Fibrlok 4x4						
Installation:		Screws (4 x M6)	Dimensions ( in mm )	without fixing supports		
				Length	Width	Depth
			BDX3000 T2B	400	255	86
			Color	Body Dark grey - RAL 7037 Cover Light grey - RAL 7035		
			Material	Thermoplastic		

## Ordering information

## Ref. No.

<b>PBO box size 2 with 12 slot organiser</b>	<b>N501659A</b>	501659
<b>Fixing bracket for PBOs</b> 2 units required for PBO size 2. Minimum Order Quantity: 4	<b>N530171A</b>	530171
<b>BPEO-K7-1 SLOT-12 fusion</b> Compatible with fusion splice protectors 45 or 60 mm long Splice tray is supplied with a cover	<b>N541106A</b>	541106
<b>BPEO-K7-2 SLOT-12 fusion and PLC splitter</b> Compatible with fusion splice protectors 45 or 60 mm long Can accommodate 70x10x6 mm PLC splitter Splice tray is supplied with a cover	<b>N541104A</b>	541104
<b>BPEO-K7-1 SLOT-6 Fibrlok 2540G</b> Compatible with mechanical splices Fibrlok 2540G Splice tray is supplied with a cover	<b>N541103A</b>	541103
<b>BPEO-K7-2 SLOT-12 Fibrlok 2540G</b> Compatible with mechanical splices Fibrlok 2540G Splice tray is supplied with a cover	<b>N541108A</b>	541108
<b>BPEO-K7-2 SLOT-10 Fibrlok with Splitter</b> Can accommodate 70x10x6 mm PLC splitter Splice holder for 10 Fibrlok 2540G Splice tray is supplied with a cover	<b>N541110A</b>	541110
<b>Keylock Type 1242-E : Lock ( MOQ= 10 ), 2 Keys ( MOQ = 10 )</b>	<b>NN36903100</b>	
<b>Cable Ties are not supplied</b>	<b>NN16955500</b>	

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