

Optical Distribution Terminal PBO 10 Connect - PBO10C



This Optical Access Point (OAP) is designed for aerial distribution applications. This Distribution Terminal is part of the PBO range and can connect to 10 customer cables/drops, 1 distribution cable (mid-span) and 2 secondary distribution cables. Its organizer is compatible with both G.652.D and G.657 fibers, loose tube and micromodules. It can be equipped with standard trays from the BPEO product range. The organizer can receive 1-slot trays (5 mm) or 2-slot trays (10 mm).

The PBO range is very modular and available in splice or pre-connectorized drop versions. The pre-connectorized model described here can accommodate up to 10 customer drops (connections).

Its discrete design supports easy integration on façades or poles with the help of two flanges or with a strip, without entering in the body of the PBO.

Required tool:

- Crosspoint screwdriver
- Clamping tool for plastic clamps

Features	Benefits
Watertightness via membrane for cable entries	Easier and more secure handling
Capacity of 10 connections	Optimal use of space for a maximum customer connections: up to 10.
Optional triangular lock (8 mm) to lock the cover	Additional protection for customer connections

Specifications

Colour	Light grey RAL 7035
Degree of protection	IP55
Degree of pressure	IK08
UV resistance	According to ISO 4892-2 norm
Operating temperatures	-40°C to +65°C
Maximum splicing capacity	48
Maximum number of drop cables	10
Diameter of cable drop	3.5 to 8 mm
Cover opening	Up to 120 or 180 degrees
Main distribution cable – maximum	72 loose tube F Ø 2.8 mm modulo 12 and 144 micromodule FO modulo 6 and modulo 12
Cable diameter	6-12 mm
Secondary drop cable diameter	6-9.5 mm
Terminal dimensions	L: 255 mm W: 245 mm D: 90.4 mm

Shipping information

Dimensions of the package:	L: 265 mm W: 260 mm P: 100 mm	Units Per Delivery 1/1 Order quantity / 120 items/Euro pallet
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PBO10C	<input type="checkbox"/>	<input type="checkbox"/>	6C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1	2	3	4	5	6	7	8	9	10

- 1** Select the lock type.
 P = Push dummy plug
 T = Triangular (EMEA standard solution)
- 2** Select distribution port count.
 04 = 4 ports
 06 = 6 ports
 08 = 8 ports
 10 = 10 ports
- 3** Defines adapter type.
 6C = SC simplex APC
- 4** Select connectivity type.
 ADPT = Adapters only
 PGGB = with Pigtailed, Grade B
 1104 = 1xSplitter 1:4 (requires 1 tray)
 1108 = 1xSplitter 1:8 (requires 1 tray)
 2104 = 2xSplitter 1:4 (requires 1 tray)
 *Splitter output legs are pre-connectorised
- 5** Select splitter input connectorisation.
 0 = No Splitter
 C = Connector to panel
 S = Not connectorised – outed in the tray (in case direct splice feeder to splitter)
- 6** Select number of installed pigtailed connected to splitter input.
 0 = Zero
 1 = 1 Pigtail*
 2 = 2 Pigtailed*
 * in case splitter input is connectorised
- 7** Select number of installed pigtailed P2P (to be spliced to feeder).
 00 = Zero
 01 to 10*
 *If you select the splitter option, the maximum number of adapters is 10. Subtract IP and OP splitter connectors, and the remaining ports would be available for P2P if desired.
- 8** Select colour coding of pigtailed.
 X = No Pigtailed
 N = No Colour Coding
 T = Telcordia
 F = Orange France
 V = DIN VDE
- 9** Select tray type.
 D = Heat-shrink fusion for G.652.D fiber – MonoZone
 E = Heat-shrink fusion for G.657.A fiber – BiZone
 F = Crimp for G.652.D fiber - MonoZone
 I = Crimp for G.657.A fiber - BiZone
- 10** Select number of trays
 1 to 4*
 *The total number must include the trays which hold selected splitters/pigtailed.
 **Maximum number of 5-mm trays is four. Maximum number of 10-mm trays is two.
 Space for one 10-mm tray is equivalent to the space needed for two 5-mm trays.

