Optical Access Point

PBO12C – Connect version

This Optical Access Point (OAP) is designed for aerial distribution application. Part of the PBO range, it can connect to 12 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 tubes and micromodules. It can be equipped with standard trays from the BPEO product range. The organizer can receive four 1-slot trays (monozone) or two 2-slots trays (bizone).

The PBO range is very modular and available in splice or preconnectorized drop versions. The preconnectorized model described here can be equipped with 12 adapters, SC/APC connectivity, G.657.A2 Orange colour coded pigtails or splitters.

Its discrete design supports easy integration on façades or poles with the help of two omega flanges or directly with a strip without entering in the body of the PBO.
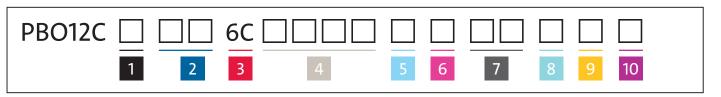
Required tool:
· Crosspoint screwdriver
· Crimp tool for plastic ties

Features	Benefits
Foam sealing	Safer and easier handling of the fiber connectivity
Can accommodate up to 12 adapters	Optimal use of space for a maximum number of customer connections: up to 12 connections
Optional triangular 8 mm lock	Offers additional external protection for customer connections

Specifications	
Color	Light grey RAL 7035
Watertightness	IP55
Pressure	IK08
UV resistance	As per ISO 4892-2 standard
Operating temperatures	-40°C to +65°C
Maximum splicing capacity	48
Maximum main distribution cables Cable diameter	72 loose tube FO Ø 2.8 mm modulo 12 and 144 micromodule FO modulo 6 and modulo 12 6-15 mm
Secondary distribution cable diameter	6-12 mm
Diameter of drop cable	3.8 - 6.2 mm
Terminal dimensions	L: 280.5 mm W: 245 mm D: 90.4 mm
Cover opening	Up to 120° or 180°
Number of adapters	Up to 12 adapters

Ordering Information

PBO12C ☐ ☐☐ 6C ☐☐☐☐ ☐ ☐ ☐☐ ☐ ☐ ☐
1   **2**   **3**   **4**   **5** **6** **7** **8** **9** **10**

1 Select 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
12 = 12 Ports

3 Define **Adapter type**
6C = SC simplex APC

4 Select Connectivity
ADPT = Adapters only
PGGB= with Pigtails, Grade B
1104 = 1xSplitter 1:4 (requires 1 tray)
1108 = 1xSplitter 1:8 (requires 1 tray)
2104 = 2xSplitter 1:4 (requires 1 tray)
Note: Splitter Output legs are always connectorized

Maximum number of drops 12

5 Select Splitter input connectorization
0 = No Splitter
C = Connector - connected to panel
S = Non-connectorized - routed in the tray (in case direct splice feeder to splitter)

Maximum number of drops 12

6 Select Total number of installed Pigtails connected to splitter Input
0 = Zero
1 = Pigtails (in case splitter input is connectorized)
2 = Pigtails (in case splitter input is connectorized)

7 Select Total number of installed Pigtails P2P (to be spliced to feeder)
00 = Zero
01 = 1* Pigtail
02 = 2* Pigtails
03 = 3* Pigtails
04 = 4 Pigtails
05 = 5* Pigtails
06 = 6* Pigtails
07 = 7* Pigtails
08 = 8* Pigtails
09 = 9* Pigtails
10 = 10* Pigtails
11 = 11* Pigtails
12 = 12* Pigtails

*If you select the splitter option, the maximum number of adapters is 12. Subtract IP and OP splitter connectors, and the remaining ports would be available for P2P if desired.

8 Select Color Coding of Pigtails
X = No Pigtails
N = No Color Coding
T = Telcordia
F = Orange France
V = VDE DACH

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 = 1 Tray
2 = 2 Trays
3 = 3 Trays
4 = 4 Trays

*The total number must include the trays which hold selected splitters/ pigtails.

Note: 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.

Shipping information

Package dimensions	L: 290 mm W: 260 mm H: 105 mm
Order quantity	120 items/pallet

CORNING