

3M™ BPEO Size 1 for Fibre Distribution Point for up to 16 Drops



3M BPEO Size 1 FDP

In order to distribute the FTTH networks , 3M has enlarged the BPEO watertight closures portfolio with a new solution able to connect 16 drops cables from 3 to 7 mm, 2 direct feeder cables from 4 to 12 mm or one uncut feeder cable from 6 to 18mm.

This new front side coincides with the launch of the single ECAM S3-7 which allows a fast , easy and progressive cable preparation away from the closure already located within a manhole, without disturbing any previously installed drops.

The Evolution organizer and tray capabilities available in the BPEO range of closures allow for a complete offering that provides a flexible and perfectly set solution for the FTTH distribution applications. 3M BPEO Size 1 FDP is able to accommodate a maximum of 144 splices and is also able to handle splitters from 1x2 to 1x32 ratios.

The closure is delivered with an organizer equipped with 12 slots and with cabling accessories (fibre insertion tool , fibre bridge and trays supporting ramp) .

The mounting brackets , the cable entries and the trays have to be ordered in addition to the closure .

The drops and feeder ports are delivered with proper sealing plugs.

Features

- 16 single cable ports
- ECAM concept
- BPEO concept

Benefits

- Can serve 16 Customer connections
- Fast, Easy, No Flame. Preparation outside the Manhole
- Closing/Opening by Latches = tool less and no specific skills

Specification

Cable Entry Configuration

16 Single cable seal for ECAM S3-7
1 Dual cable seal for 2 ECAM S4-12

Sealing

80 mbar continuous
500 mbar flash test (IP68)

Impact test

Resistant at 20 Joules (IK 10)

Pull Force

Test at 20 daN on drop
Test at 100 daN on feeder cables

Dimensions (in mm) with or without fixing supports

	Length	Width	Thickness
Without	382	204	92
Wall			97
Wall/Pole			122

Ordering Information

Ref. No.



3M BPEO Size 1 for drop cables

N501714A

Accessories

Ref. No.



Single Mechanical ECAM for drop cable
From 3 to 7 mm in diameter

N721171A



Single Mechanical ECAM EVOL for direct feeder
From 4 to 12 mm diameter

N530128A



Double Mechanical ECAM EVOL for uncut feeder
From 6 to 18 mm (Bulk packaging of 10 pcs)

N721162A



Lot of 10 Kits sealing for uncut feeder diameter 6 to 9 mm
Lot of 10 Kits sealing for uncut feeder diameter 9 to 12 mm
Lot of 10 Kits sealing for uncut feeder diameter 12 to 15 mm
Lot of 10 Kits sealing for uncut feeder diameter 15 to 18 mm

N721163A
N721164A
N721165A
N721166A

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