



in partnership with

CORNING

Telenco & CORNING
**BPEO Optical
Splice Closures**

Developing tomorrow's networks, today

Initially designed for distribution and feeder networks, the BPEO range of optical splice closures is enlarging with new kits engineered for FTTH access networks.

The Telenco Group offers all of these watertight enclosures, as well as the associated accessories.

Discover how this range has been constantly evolving over the past 30 years so to provide you with solutions for making the most out of optical connections. These products feature new mechanical cable entries, compatible accessories (e.g. splice trays for BPEO and ODP – Optical Distribution Point) and a pre-terminated connectivity.

Thanks to this wide variety of configurations, the BPEO range meets all type of scenarios that a professional may encounter on site.

Benefits of the BPEO solution

- Toolless and simplified opening/closing system
- Unique ECAM design – mechanical cable entries enabling to add cables without interfering with the optical cables already installed
- Watertightness of optical splice closures (IP68) controlled for each product individually by the manufacturer
- High accessibility to fibres
- No flame or resin required for preparing the cable entries
- Fibre management/ protection on a real splice tray
- Splice trays for the management of 250µm fibres
- Possible to install different splice trays on the same organiser
- On site testing valve (IP68)

Our partner Corning

Inventor of low-loss fiber optics, Corning has established its reputation as one of **the world's innovation leaders in materials science since more than 165 years**. From Data Centers to customer's premises, Corning Optical Communications products are **installed by all telecom operators** in partnership with Telenco.

At Telenco, we are committed to:

- provide the best support in order to rightsize tomorrow's networks.
- offer quality and easy to install products so to reduce at most intervention times.
- always bring an adapted solution to our customers' needs.

It is for all these reasons that **Corning has been trusting us** for all these years.

DISTRIBUTION AND ACCESS NETWORKS

BPEO S0



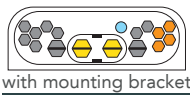
The watertight optical splice closure BPEO Size 0 has been designed for enabling FTTH customer connections in overhead layout, on poles or facades with G.652 or G.657 fibres. Thanks to its compact design (volume < 2 liters), this optical splice closure is perfectly suitable for occupied manholes. Its spike shape enables easier operations. Including 4 slots, the organiser can accommodate up to 4 splice trays of 5mm (1 slot each) or 2 splice trays of 10mm (2 slots each). Both its dual port and 14 single ports enable to meet the full range of use cases (residential, buildings, mixed) and save installation times thanks to the new simple ECAM: S 4-6mm. This BPEO is also available in pre-terminated versions "ECAM Connect". Depending on the chosen version, some of its ports are equipped with SC/APC connectors.

- Capacity: 48FO
- Permissible cable Ø: 3 to 18mm
- Volume: < 2 liters
- Dimensions (L x H x D): 240x230x90mm
- Mounting bracket included
- Ingress Protection: IP68 (black); IP56 (grey)
- Flash test: 200mb (IP68 splice closures)

POSSIBLE CONFIGURATIONS



with mounting bracket



with mounting bracket
FTTH NEW RELEASE



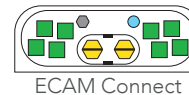
with mounting bracket
FTTH NEW RELEASE



with mounting bracket
FTTH NEW RELEASE



ECAM Connect
4 SC/APC with
mounting bracket



ECAM Connect
8 SC/APC with
mounting bracket

BPEO S1



The BPEO Size 1 is a watertight splice protection closure enabling up to 144 fusion splice connections or 72 Fibrlock™ 2540G mechanical splices. The organiser presents 12 positions (12 slots). It enables to set up 12 splice trays of 5mm (1 slot) or 6 splice trays of 10mm (2 slots) for the management of micro-modules in transit. For the storage of loose tube fibres, it accommodates 8 splice trays of 5mm (1 slot) or 4 splice trays of 10mm (2 slots). Multifunctional, this optical splice closure is available in various models so to meet the different possible applications. Thus, the BPEO S1 is used for network extension, creating a network branch and enabling customer connections.

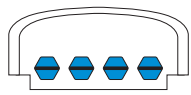
The new versions of FDP Branch and Drops are ideal for FTTH access network connections.

A new version including a 7-position organiser (7 slots) is available and offers more space for the management of fibres in transit.

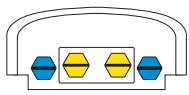
Also available in ECAM Connect version.

- Capacity: 144FO
- Permissible cable Ø: 3 to 20mm (Ø 18 for FDP BRANCH and FDP DROPS)
- Volume: 4.8 liters
- Dimensions (L x H x D): 335x204x92mm
- Ingress protection: IP68 (black); IP56 (grey)
- Flash test: 500mb (IP68 splice closures)

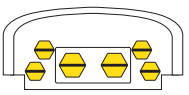
POSSIBLE CONFIGURATIONS



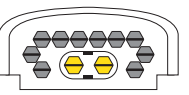
EVOL EOC



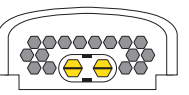
EVOL CDP



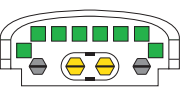
EVOL EDP



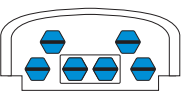
FDP BRANCH



FDP DROPS



ECAM Connect
8 SC/APC



EDP 7-position organiser
NEW RELEASE

BPEO S1.5

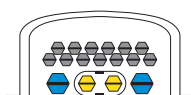


The BPEO Size 1.5 is a watertight optical splice closure enabling up to 144 fusion splice connections or 72 Fibrlock™ 2540G mechanical splices. While extremely compact, this new BPEO plays the role of a distribution hub between the Fibre Concentration Point (FCP) and all the Optical Distribution Points (ODP). Equipped with a new organiser with an enlarged fibre management area so to meet the needs of new generation modulo 6 cables. Featuring 12 positions (12 slots), the organiser enables the installation of 12 splice trays of 5mm (1 slot) or 6 splice trays of 10mm (2 slots).

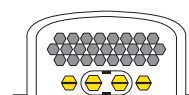
Using the new bicone 5mm splice tray 24FO BPEO size 1.5 enables up to 288FO fusion splice connections. This BPEO is also available in pre-terminated « ECAM Connect » versions.

- Capacity: 144FO
- Permissible cable Ø: 3 to 18mm
- Volume: 5.6 liters
- Dimensions (L x H x D): 382x204x120mm
- Mounting bracket included
- Ingress protection: IP68 (black); IP56 (grey)
- Flash test: 500mb (IP68 splice closures)
- Up to 288FO with 24FO fusion splice tray

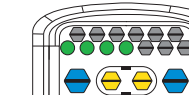
POSSIBLE CONFIGURATIONS



FDP BRANCH



FDP DROPS



ECAM Connect
4 SC/APC



ECAM Connect
12 SC/APC

CORE AND FEEDER NETWORKS

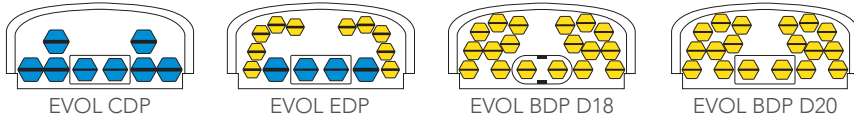
BPEO S2



The BPEO size 2 is a watertight optical splice closure enabling up to 360 fusion splice connections or 168 Fibrlock™ 2540G mechanical splices. The organiser presents 30 positions (30 slots). It accommodates 30 splice trays of 5mm (1 slot) or 14 splice trays of 10mm (2 slots), used for the management of 250µm fibre. An area underneath the splice tray organiser is provided for the management of fibres, tubes or micro-modules in transit. This BPEO is the most appropriate optical splice closure for core and feeder networks. Using the new bizona 5mm splice tray 24FO BPEO size 2 enables up to 720FO fusion splice connections.

- Capacity: 360FO
- Permissible cable Ø: 4 to 27mm
- Volume: 17.3 liters
- Dimensions (L x H x D): 520x341x149mm
- Ingress Protection: IP68
- Flash test: 500mb
- Up to 720FO with 24FO fusion splice tray

POSSIBLE CONFIGURATIONS



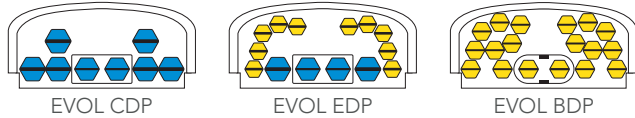
BPEO S3



The BPEO size 3 is an optical splice closure enabling up to 576 fusion splice connections or 288 Fibrlock™ 2540G mechanical splices. The organiser presents 48 positions (48 slots) accommodating thus either 48 splice trays of 5mm (1 slot) or 24 splice trays of 10mm (2 slots), used for the management of 250µm fibre. An area underneath the splice tray organiser is provided for the management of fibres, tubes or micro-modules in transit. For optical distribution, branch or extension. This optical closure suits to all applications within the core network.

- Capacity: 576FO
- Permissible cable Ø: 4 to 27mm
- Volume: 23.8 liters
- Dimensions (L x H x D): 661x341x149mm
- Ingress Protection: IP68
- Flash test: 500mb

POSSIBLE CONFIGURATIONS



LEGEND

SIMPLE ECAM

- ECAM S 3-7mm
- ECAM S 3.5-9.5mm
- ECAM S 4-6mm

- ECAM S 4-12mm
- ECAM S 5-18mm

ECAM DOUBLES

- ECAM D 6-18mm (possible to install 2 ECAM S 4-12mm into the plug)
- ECAM D 5-20mm (possible to install 2 ECAM S 4-12mm into the plug)

- ECAM D 5-27mm (possible to install 2 ECAM 5-18mm into the plug)

ECAM CONNECT

- Port with SC/APC connectors
- Test valve

PRODUCT REFERENCES

Optical splice closures

09217	BPEO S0 with mounting bracket
13096	BPEO S1 EVOL EOC
7280	BPEO S1 EVOL CDP
10440	BPEO S1 EVOL EDP
12128	BPEO S1 FDP BRANCH
13301	BPEO S1 FDP DROPS
18225	BPEO S1.5 FDP BRANCH splice closure
18228	BPEO S1.5 FDP DROPS splice closure
10499	BPEO S2 EVOL BDP D20 30 pas
20576	BPEO S2 EVOL BDP D18 30 pas
09151	BPEO S2 EVOL CDP 30 pas
7624	BPEO S2 EVOL EDP 30 pas
13431	BPEO S3 EVOL BDP
13432	BPEO S3 EVOL CDP
09388	BPEO S3 EVOL EDP

Kit products

18432	BPEO S0 FDP kit (4 ECAM S6; ECAM D18; Cable entry 6-9mm)
18433	BPEO S1 FDP kit (ECAM D18; Cable entry 6/9&9/12; 8K7; mounting bracket)
18434	BPEO S1.5 FDP kit (ECAM D18; Cable entry 9/12&12/15; 12K7; mounting bracket)
18435	BPEO S2 BDP kit (ECAM D18; Cable entry 12/15&15/18; 28K7; mounting bracket)
18436	BPEO S3 BDP kit (ECAM D18; Cable entry 12/15&15/18; 36K7; mounting bracket)

ECAM Connect SC/APC closures








16273	BPEO S0 grey ECAM Connect 8 SC/APC IP56
16274	BPEO S0 black ECAM Connect 4 SC/APC IP68
16275	BPEO S0 black ECAM Connect 8 SC/APC IP68
16276	BPEO S1 black ECAM Connect 8 SC/APC IP68
16277	BPEO S1.5 black ECAM Connect 12 SC/APC IP68

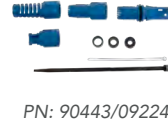
ECAM Connect Drop cables

16279	ECAM Connect Aerial pre-terminated drop cable – 40m
16280	ECAM Connect Aerial pre-terminated drop cable – 60m
16281	ECAM Connect Aerial pre-terminated drop cable – 100m
16282	ECAM Connect Aerial pre-terminated drop cable – 150m


BPEO ACCESSORIES

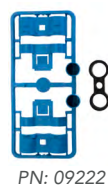
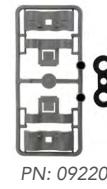
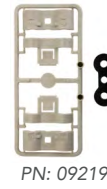
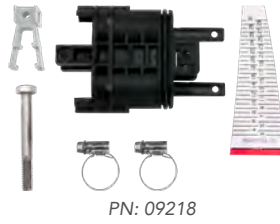
SIMPLE ECAM

-  18986 Complete simple ECAM 4-6mm
-  09223 Complete simple ECAM 3-7mm
-  09389 Complete simple ECAM 3-7mm/100
-  90443 Complete simple ECAM 3.5-9.5mm
-  09224 Complete simple ECAM 3.5-9.5mm/60
-  7625 Complete simple ECAM 4-12mm
-  10460 Complete simple ECAM 5-18mm





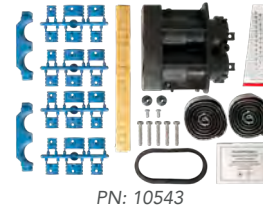
DOUBLE ECAM WITH MECHANICAL SEALING

-  09218 Double ECAM 6-18mm
- Kit to choose from:
- ↳ 09219 ECAM Cable entry kit 6-9mm
 - ↳ 09220 ECAM Cable entry kit 9-12mm
 - ↳ 09221 ECAM Cable entry kit 12-15mm
 - ↳ 09222 ECAM Cable entry kit 15-18mm



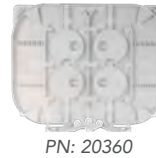
DOUBLE ECAM WITH MASTIC

-  5272 Complete double ECAM 5-20mm
-  10543 Complete double ECAM 5-27mm



SPLICE TRAYS

- 10146 5mm 12 fusion splices
- 20360 5mm 24 fusions splices (2x12FO G.657)
- 13426 5mm 12 fusions splices (2x6FO G.657)
- 09188 5mm 9 fusion splices + splitter position 4x4 PLC
- 14464 5mm 6 Fibrlok™ 2540G
- 14463 10mm 12 Fibrlok™ 2540G
- 7281 10mm 12 fusion splices + splitter position
- 14697 10mm universal – compatible with 12 Fibrlok™ 2540G mechanical splices or 12 heat shrink fusion splice protection (2.4 x 45mm or 60mm)



MOUNTING BRACKET

- 11447 Plastic for BPEO S1/1.5 on pole/facade
- 11448 Plastic for BPEO S2/3 on pole/facade
- 15207 Plastic for BPEO S1 for pole mount
- 10441 Metal for BPEO S1 on pole/facade
- 10442 Metal for BPEO S2/3 on pole/façade





For more information, visit:
www.telenco-store.com

Non-contractual pictures, ENd2305



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