

# Fiber Closure

## BPEO S0 ECAM Connect

This Above- and Below-Grade Fiber Closure is designed for External Drop Hard Connectivity 4 and 8 Ports SC APC.

The BPEO S0 ECAM Connect is designed to quickly connect SC format terminated drop cables in outdoor aerial and underground mid-span applications. With the ECAM Connect system, the drop cables can be connected without the need to open the closure. A double-entry ECAM port allows the routing of an uncut feeder cable.

BPEO S0 ECAM Connect can be used in fibre optic networks for outdoor aerial installation on poles and façades and for underground applications in manholes, depending on the type of drop cables used. This closure is designed for fibre optic feeder cables with micro-module structure. The closure will be used with ECAM Connect pre-terminated drop cables or ECAM Connect field-mount kits.

The closure can have 4 or 8 ports pre-equipped with SC APC couplings and pigtails. These ports are ready for a direct and simple push/pull connection with an ECAM Connect pre-terminated drop cable or a drop cable prepared with an ECAM Connect field-mount kit.



Features	Benefits
Double ECAM port entry for feeder cable	External cable preparation of uncut feeder
ECAM Connect drop connector	External plug-and-play without closure opening
Pre-connectorized	Reduced connectivity work in the field
Ruggedized design (IP68) SC APC in hard cover	No need to open the closures to connect additional subscribers, safe for already installed fibre and connected customers
Field-mountable drop connector available	Aesthetic appearance, no cable loop on pole
O-ring sealing of closure port	Easy connection while maintaining water tightness

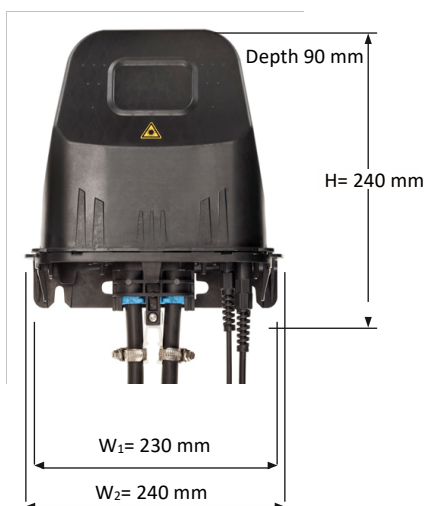
Specifications	
Closure Dimensions	(H x W x D) 240 x 240 x 90 mm
Protection class (closure and drop)	IP 68, immersed under 2 m of water
Number of drops	8 SC APC hard connect
Outer diameter of uncut feeder	6-18 mm
Outer diameter of single-branch cable (N501834A) (alternatively, a drop port can also be used for a single-branch cable)	4 cables 3,5-9,5 mm, 1 cable 3-7 mm
Outer diameter of single-branch cable (N501835A) (alternatively, a drop port can also be used for a single-branch cable)	3-7 mm
Splice trays	Accepts 4 one-slot splice trays (5 mm height each) 12 heat-shrink fusion splices per tray
Max. number of splices (additional splice trays needed)	48

Technical Properties *	
Material: Closure's housing Organizer and trays	Reinforced thermoplastics Thermoplastics
Operating temperatures	-40°C to +65°C according to IEC61300-2-22
Cable ports †	1 dual port for 1 Double ECAM D18 or 2 Single ECAM S12 8 single ports each for 1 ECAM Connect or for 1 each ECAM S 9,5. (depending on the reference) 1 single port for 1 ECAM S7
Pull-out force for ECAM Connect drop cables	80N typical according to IEC61300-2-6
Optical characteristics of pigtails and couplings delivered with the closure	
SC APC connectors	IEC 60874-14-10
Fibre Type	ITU-T G.657
Buffer tube	Ø 900 µm semi-tight structure (easy strip)
SC coupling	IEC 60874-14-3



\* Values have been determined by standard test methods and are average or typical values not meant to be used for specification purposes.

† The closure is delivered watertight with sealed plugs on each cable port.



## Dimensions



## BPEO S0 ECAM Connect: Ordering information

Description	Reference #	Delivery Unit
 <p>BPEO S0 ECAM Connect 4SCAPC for 4S9.5 1S7 1D18 Closure for above and below grade applications with external drop connectivity 4 ports SC APC The closure is delivered with 2 one-slot splice trays included (5 mm). N501834A</p>	UU003711254	Multiples of 8
 <p>BPEO S0 ECAM Connect 8SCAPC for 1S7 1D18 Closure for above and below grade applications with external drop connectivity 8 ports SC APC The closure is delivered with 2 one-slot splice trays included (5mm). N501835A</p>	UU003711239	Multiples of 8

## Products recommended with BPEO S0 ECAM Connect

Description	Reference #	Delivery unit
 <p>ECAM Field-Mount Kit SCAPC</p>	N721261A-NBI	Multiples of 60
 <p>ECAM Connect with DualDrop™ Round Cable 40 m 60 m 100 m 160 m</p>	004201JFCT2040MG 004201JFCT2060MG 004201JFCT2100MG 004201JFCT2150MG	12 8 1 1

A complete fiber closure catalogue is also available on our web site, [with literature code CRR917](#).

**CORNING**



Corning Optical Communications GmbH & Co. KG • Leipziger Strasse 121 • 10117 Berlin, GERMANY

+00 800 2676 4641 • FAX: +49 30 5303 2335 • [www.corning.com/opcomm/emea](http://www.corning.com/opcomm/emea)

Corning Optical Communications reserves the right to improve, enhance, and modify the features and specifications of Corning Optical Communications products without prior notification. A complete listing of the trademarks of Corning Optical Communications is available at [www.corning.com/opcomm/trademarks](http://www.corning.com/opcomm/trademarks). All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified. © 2020 Corning Optical Communications. All rights reserved. BPEOS0ECAMEMEA\_BEN /September 2020