

Fiber Closure

BPEO S1.5 ECAM Connect

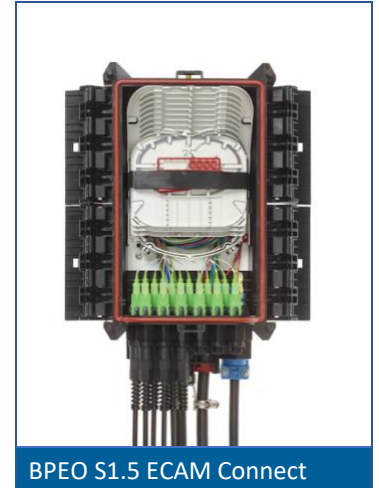
This Above- and Below-Grade Fiber Closure is designed for External Drop Hardened Connectivity

The BPEO S1.5 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. An ECAM double-entry port allows the routing of an uncut feeder cable.

The closure has 12 ports pre-equipped with SC / APC couplings and pigtails or with a pre-connectorized splitter. 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.

The BPEO S1.5 ECAM Connect can be used in fiber optic networks for outdoor aerial installation on poles and façades and also for underground applications in manholes, depending on the type of drop cables used. The closure is suitable for fiber optic feeder cables with micro-module structure or loose tubes inside.

The closure will be used with Corning’s ECAM Connect pre-terminated drop cables or Corning’s ECAM Connect field-mount kits.



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 fiber 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) 350 x 204 x 120 mm
Protection class (closure and drop)	IP 68, immersed in 2 m of water
Number of drops	12 SC APC Hard Connect
Outer diameter of uncut feeder	6 to 18 mm
Outer diameter of single-branch cable (alternatively, a drop port can also be used for a single-branch cable)	1 cable 3,5 - 9,5 mm 2 cables 5 - 18 mm
Splice trays	Accepts up to 12 one-slot splice trays (5 mm) Delivered with 3 one-slot splice trays (5 mm), each for 12 fusion splices
Max. number of splices (additional splice trays needed)	144
Regulations	RoHS 2011/65/EU *

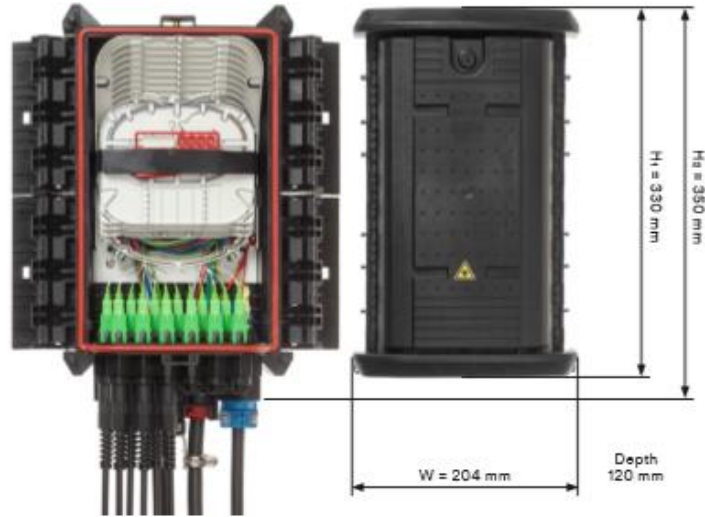
* RoHS 2011/65/EU means that the product or part does not contain any of the substances in excess of the maximum concentration values ("MCVs") in EU RoHS Directive 2011/65/EU. The MCVs are by weight in homogeneous materials. This information represents Corning's knowledge which may be based in whole or in part on information provided by third-party suppliers.

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 13 single ports each for 1 ECAM Connect or for 1 ECAM S 9,5 each (12 pre-equipped for ECAM Connect) 2 single ports for 1 ECAM S18
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
Fiber Type	ITU-T G.657
Buffer tube	Ø 900 µm semi-tight structure (easy strip)
SC Coupling	IEC 60874-14-3


* Values presented 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 ports.



Dimensions



BPEO S1.5 ECAM Connect: ordering information

Description	Reference #	Delivery unit
 <p>BPEO S1.5 ECAM Connect 12 SC APC 1S9.5 2S18 1D18 Closure for above and below grade applications with external drop connectivity 12 ports SC APC</p>	N501837A	Units of 1

Products recommended with BPEO S1.5 ECAM Connect

Description	Reference #	Delivery unit
 <p>ECAM Field-Mount Kit SC APC</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

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