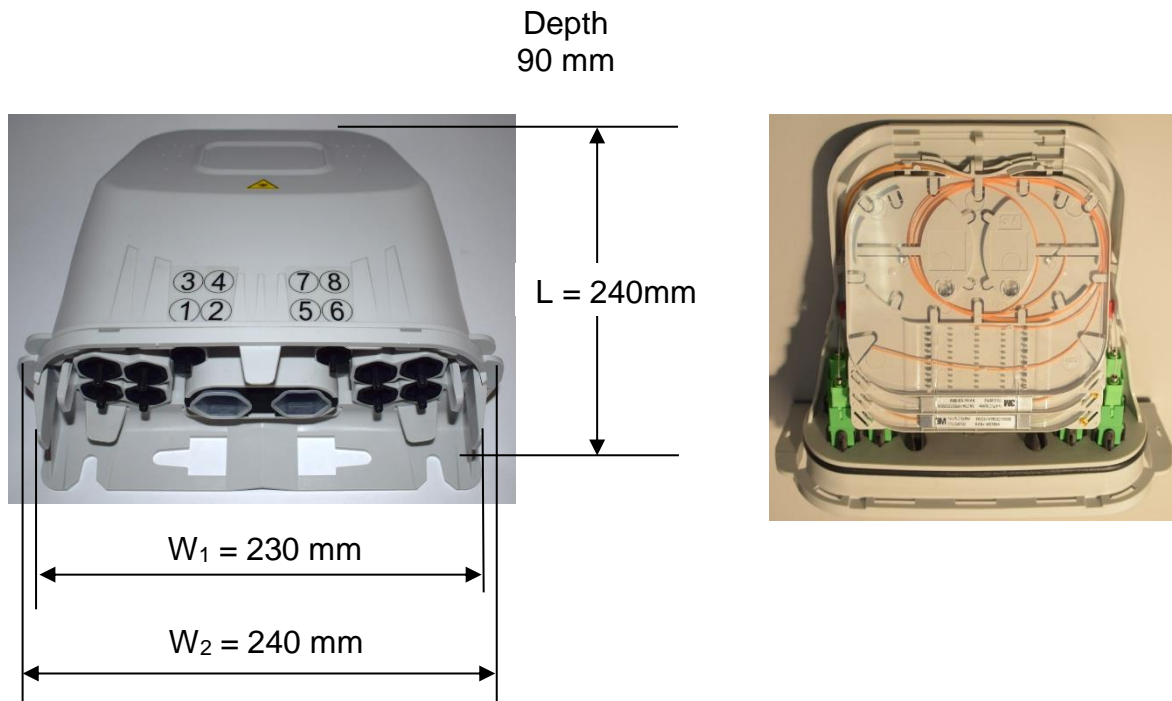


# 3M

## 3M™ BPEO S0 ECAM Connect Light Grey Closure with splitter for outdoor aerial fiber networks



### 1. Product Description

The BPEO S0 ECAM Connect is designed to quickly connect SC format terminated drop cables in outdoor aerial mid-span applications. With the ECAM Connect system, the drop cables can be connected without the need to open the closure. A 3M™ ECAM double entry port allows the routing of an uncut feeder cable.

The closure can have 4, or 8 ports pre-equipped with SC/PC or APC couplings and splitter (1x4 or 1x8). These ports are ready to receive an ECAM Connect pre-terminated drop cable, or a drop cable prepared with an ECAM Connect Field Mount Kit, for a direct and simple push/pull connection.

### 2. Applications

The BPEO S0 ECAM Connect can be used in fiber optic networks for outdoor aerial installation on poles and façades, depending on the type of drop cables used. That closure is suitable for fiber optic feeder cables with microstructures inside (not loose tubes). The closure must be used with 3M™ ECAM Connect pre-terminated drop cables, or 3M™ ECAM Connect field mount kits.

### 3. Typical Properties<sup>(\*)</sup>

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

#### 3.1 Mechanical Characteristics of the closure

Materials	Closure housing Organizer and trays	Reinforced Thermoplastics Thermoplastics	
Protection Class		IP56 when delivered	EN60529
		Then, depends on the ECAM Connect drop cable or field mount kits used.	
Operating temperature		-40 °C to +65 °C	IEC61300-2-22
Splicing capacity		1&2 splitter 1x4 or 1 splitter 1x8 (Delivered with one splice trays for splicing the trunk of splitter)	
Cable ports <sup>(*)</sup>	1 Double Port  8 Single Ports  2 Single Ports	for 1 Double ECAM D18 or 2 Single ECAM S12 each for 1 ECAM Connect or 1 ECAM S9.5 (Depending on the delivered reference) for 1 ECAM S7	

(\*)The closure is delivered watertight with sealed plugs on each cable ports.



#### 3.2 Optical Characteristics of the splitter and couplings delivered with the closure

SC/APC connectors	According to IEC 60874-14-10
Fiber Type	According to ITU-T G.657.A2
Buffer Tube	Ø 900 µm semi-tight structure (easy strip)
SC/APC Coupling	According to IEC 60874-14-3

### 4. User Information

Regulatory	RoHS	Compliant to material restriction of the RoHS II Directive 2011/65/EU.
	REACH	Compliant to the REACH Regulation 1907/2006/EC.
	Application / Installation	See installation manual N961862B
	Safety information	See installation manual N961862B

## 5. Additional Information

To request additional product information see address below.

**This data sheet is valid for following products:**



BPEO S0 Light Grey ECAM CONNECT 1 splitter 1x8

N501859A



BPEO S0 Light Grey ECAM CONNECT 1 splitter 1x4

N501868A



BPEO S0 Light Grey ECAM CONNECT 2 splitter 1x4

N501873A

### **Important Notice**

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