

# Excel Enbeam 32 Way Splitter Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type...

Item Code: 208-505



- ✕ IP68 rated to 1.5 meters
- ✕ Holds up to 120 single fibres
- ✕ Integrated pressure valve
- ✕ Mechanically sealed (compression)
- ✕ Accepts PLC splitter
- ✕ Holds up to 36 SC simplex adaptors

## Product Overview

The Enbeam Fibre Dome Enclosure has been designed to allow up to 120 fibres to be spliced and housed within an IP68 rated durable enclosure ideal for harsh environment applications. The enclosure is mechanically sealed via compression glands allowing re-entry without compromising the integrity of the unit. The enclosures have the ability to be mounted in several ways using different mounting brackets (see additional mounting options); wall, pit, pole and aerial. The enclosure can also house PLC splitters for use in Passive Optical Networks. Each enclosure has an independent patching field for up to 32 SC Simplex adaptors allowing connections to be made directly from the enclosure.

## Product Specifications

Feature	Values
Surface mounted	yes
Duct installation	yes
Type of fastening	Screwing
With couplers	no
Suitable for type of fibre	Multi mode/single mode
IP-rating	IP68
Width	260 mm
Height	480 mm
Depth	260 mm

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## Additional specifications

Features	Values
Maximum number of fibres	120
Fibres per tray	24
Number of trays	5
Number of large round cable entry points	2
Suitable for cable diameters	8mm to 17.5mm ø
Number of small round cable entry points	4
Suitable for drop cable diameter	8mm to 17.5mm ø
Number of uncut cable entry	1
Suitable for cable diameter	8mm to 17.5mm ø
IP rating	IP68 to 1.5mtr
Sealing method for all entry and exit	Mechanical (compression)
Weight	4.8kg
Colour	Black
Material	ABS
Number of SC adaptor positions	36
Operating temperature	-40 °C to +65 °C
Mounting kit Included	Pole/wall
Arial mounting kit (optional extra)	
Pole mounting kit (optional extra)	

## Included accessories

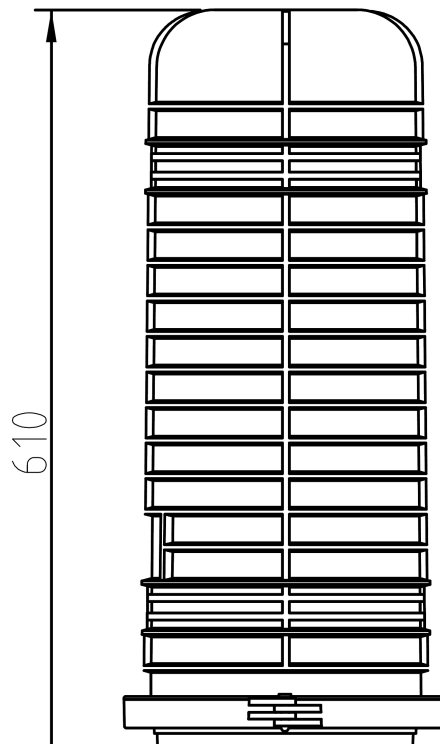
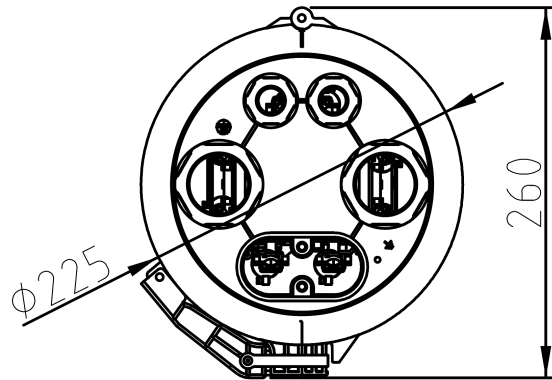
Accessories	Quantity
Splice protectors	48
Nylon tie	20
pole mounting bracket	1
Insulation tape	1 reel
Transit tubing	0.5mtr

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Product drawing



## Standards

Applicable standard	Detail
RoHS-II/-III (2011/65/EU & 2015/863): 2023	Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III).
IEC 61754-1:2013	Fibre optic interconnecting devices and passive

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	components - Fibre optic connector interfaces - Part 1: General and guidance
ISO/IEC 11801-1:2017	Information technology - Generic cabling for customer premises: Part 1 General Requirements
EN 50173-1:2018	Information technology. Generic cabling systems - General requirements
WFD: 2023	Compliant to Waste Framework Directive
SCIP: 2023	Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products)
POPs (EU) No 2019/1021	EU Regulation for the restriction of Persistent Organic Pollutants.

## Part Number Table

Part Number	Description
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Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

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