

# Excel Enbeam 48 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Box Type)

Item Code: 208-506



✕ IP68 rated to 1.5 meters

✕ Holds up to 48 single fibres

✕ Integrated pressure valve

✕ Mechanically sealed (compression)

✕ Accepts PLC splitter

✕ Holds up to 24 SC simplex adaptors

## Product Overview

The Enbeam Hinged 48 Fibre Splice Enclosure has been designed to allow up to 48 fibres to be spliced and housed within an IP68 rated durable enclosure, which is ideal for harsh environment applications. The enclosure is mechanically sealed via compression glands and 4 compression latches, to allow 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 24 SC Simplex adaptors, allowing connections to be made directly from the enclosure and exit the enclosure by its unique 24 4mm drop cable ports.

## 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	245 mm
Height	380 mm
Depth	130 mm

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## Additional specifications

Features	Values
Maximum number of fibres	48
Fibres per tray	12
Number of trays	4
Number of drop cable outlets	24
Suitable for drop cable diameter	4mm Ø
Number of uncut cable entry	1
Suitable for cable diameter	10mm to 17.5mm Ø
IP rating	IP68 to 1.5mtr
Sealing method for all entry and exit	Mechanical (compression)
Weight	3.5kg
Colour	Black
Material	ABS
Operating temperature	-40 °C to +65 °C
mounting kit included	Wall/Pole/Arial

## Included accessories

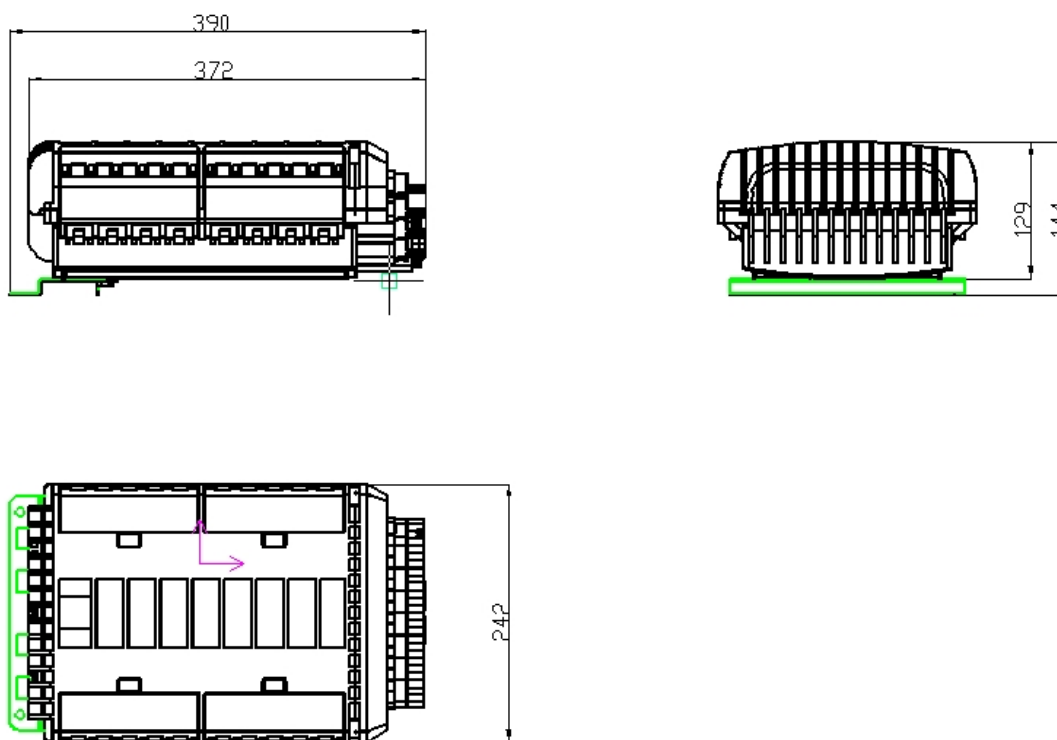
Accessories	Quantity
Splice protectors	48
Nylon tie	12
wall mounting bracket	1
Insulation tape	1 reel
Transit tubing	0.5mtr
spiral wrap	0.2mtr
Plastic sealing tool	1
Wall fixings	2

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**excel**  
without compromise.

## 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 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.

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## 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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