

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

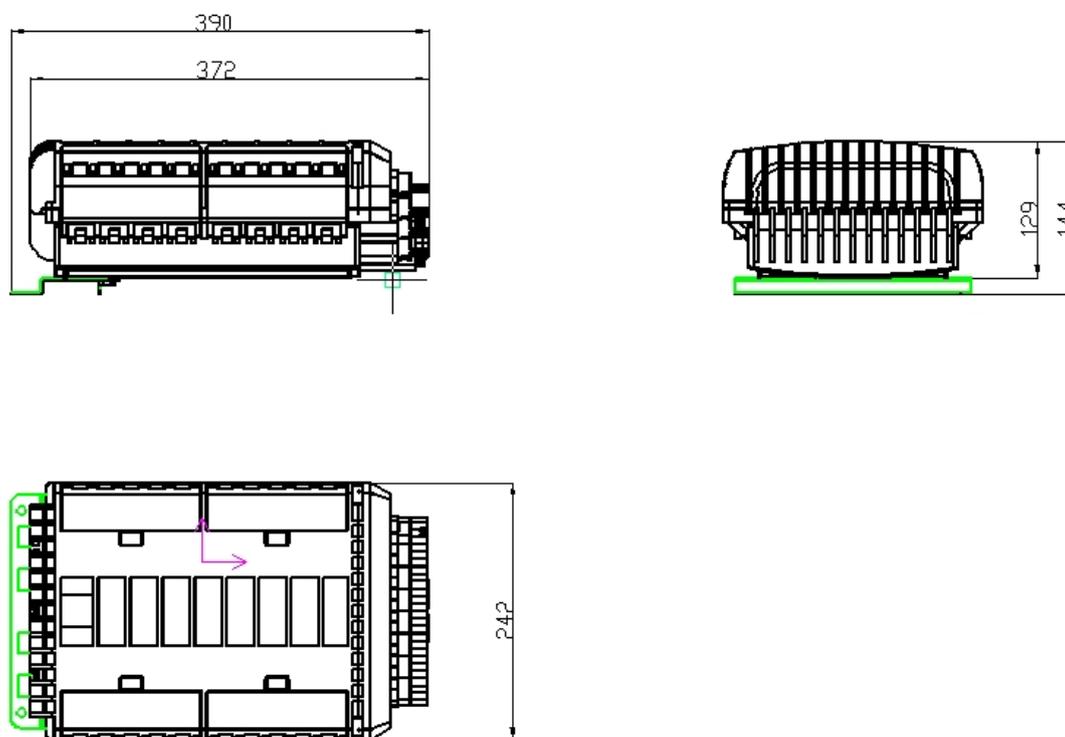
Accessories	Quantity
Splice protectors	48
Nylon tie	12
wall mounting bracket	1
Insulation tape	1 reel
Transit tubing	0.5mtr
spiral wrap	0.2mtr
Plastic sealing tool	1
Wall fixings	2

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Product drawing



Standards

Applicable standard	Detail
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies within EU member states).
Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
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
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in the UK through the Waste (England and Wales) Regulations 2011 (SI 2011 No. 988).
ECHA SCIP Database	Compliant; product does not contain SVHCs (Substances of Very High Concern) as defined under REACH Article

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33(1). Submission obligations met under EU REACH and UK REACH.

Regulation (EU) 2019/1021 (POPs)

EU Regulation on Persistent Organic Pollutants — compliant. For Great Britain, compliance is aligned with the Persistent Organic Pollutants (Amendment) (EU Exit) Regulations 2020 (SI 2020 No. 1355).

UK SI 2012 No. 3032

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (UK RoHS) — compliant for Great Britain. Retained EU law, as amended by the Product Safety and Metrology (Amendment etc.) (EU Exit) Regulations 2019.

Part Number Table

Part Number	Description
208-506	Excel Enbeam 48 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Box Type)

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

Contact us at sales@excel-networking.com



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