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

Part Code: 208-506

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Main Features

- / IP68 rated to 1.5 meters
- / Integrated pressure valve
- / Accepts PLC splitter
- / Holds up to 48 single fibres
- / Mechanically sealed (compression)
- / 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.

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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**

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)**

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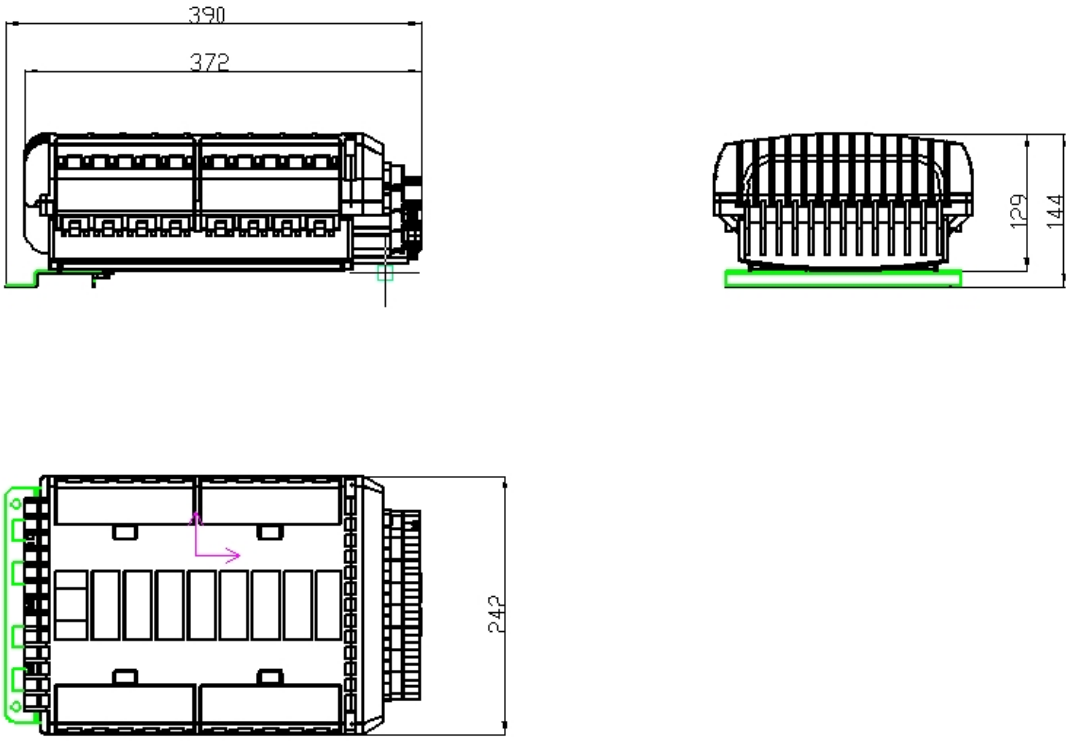
Weight	**3.5kg**
Colour	**Black**
Material	**ABS**
Operating temperature	**-40 °C to +65 °C**
mounting kit included	**Wall/Pole/Arial**

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

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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 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 Code Table

Part Code	Description
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