

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

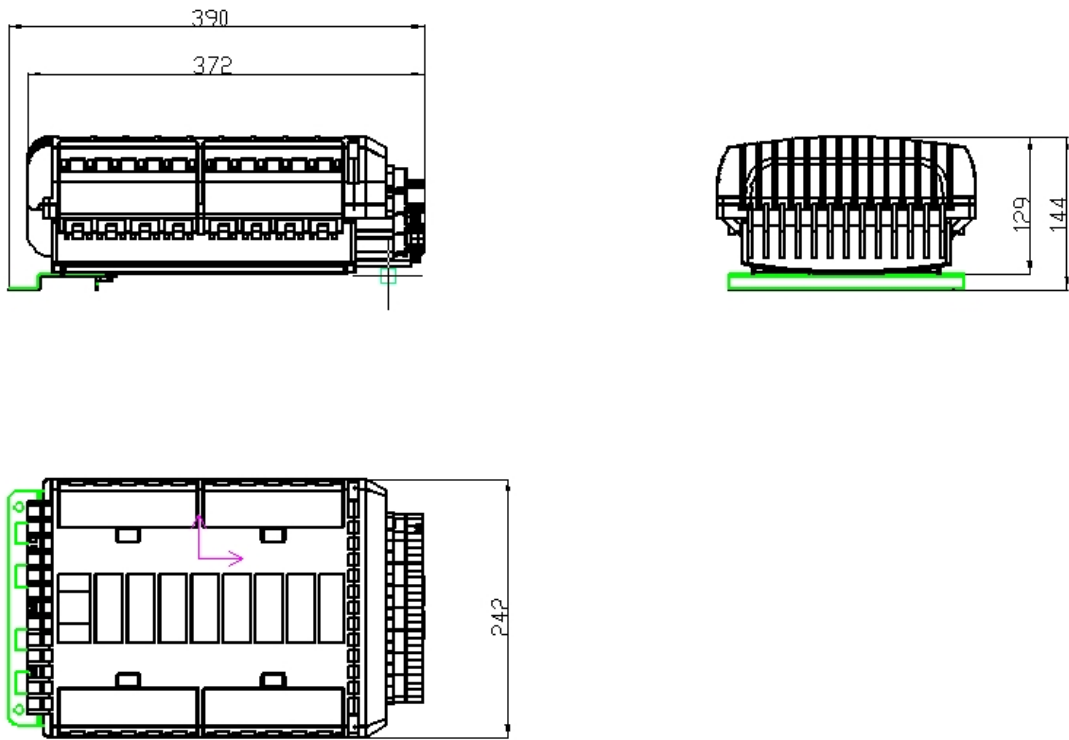
| Accessories | Quantity |
|-----------------------|----------|
| Splice protectors | 48 |
| Nylon tie | 12 |
| wall mounting bracket | 1 |
| Insulation tape | 1 reel |
| Transit tubing | 0.5mtr |
| spiral wrap | 0.2mtr |
| Plastic sealing tool | 1 |
| Wall fixings | 2 |

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Product drawing



Standards

| Applicable standard | Detail |
|--|---|
| 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 |
|-------------|--|
| 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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