

# Excel Enbeam 60 Fibre Optic Splice Closure (FOSEC) with Mechanical Seals (Box Type)

Item Code: 208-504

**excel**  
without compromise.



✕ IP68 rated to 1.5 meters

✕ Holds up to 60 single fibres

✕ Integrated pressure valve

✕ Mechanically sealed (compression)

## Product Overview

The Enbeam 60 Fibre Splice Enclosure has been designed to allow up to 60 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 to allow re-entry without compromising the integrity of the unit.

The enclosures can be mounted in several ways using different mounting brackets (see additional mounting options); wall, pit, pole and aerial.

## 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                      | 225 mm                 |
| Height                     | 105 mm                 |
| Depth                      | 295 mm                 |

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## Additional specifications

| Features                              | Values                   |
|---------------------------------------|--------------------------|
| Maximum number of fibres              | 60                       |
| Fibres per tray                       | 12                       |
| Number of trays                       | 5                        |
| Number of cable entry points          | 3                        |
| Suitable for cable diameters          | 8mm to 15mm Ø            |
| Number of drop cable outlets          | 4                        |
| Suitable for drop cable diameter      | 2mm Ø                    |
| Number of uncut cable entry           | 1                        |
| Suitable for cable diameter           | 8mm to 15mm Ø            |
| Number of test outlets                | 1                        |
| IP rating                             | IP68 to 1.5mtr           |
| Sealing method for all entry and exit | Mechanical (compression) |
| Weight                                | 2.7kg                    |
| Colour                                | Black                    |
| Material                              | ABS                      |
| Operating temperature                 | -40 °C to +65 °C         |
| mounting kit included                 | Wall                     |
| Arial mounting kit (optional extra)   |                          |
| Pole mounting kit (optional extra)    |                          |

## Included accessories

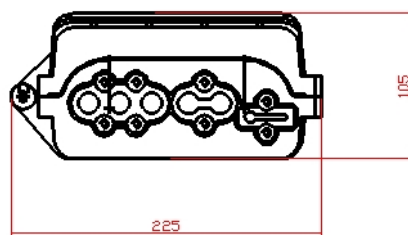
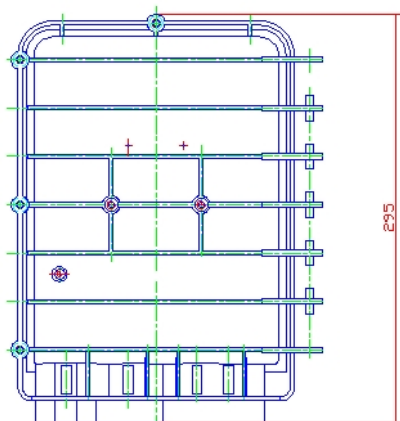
| Accessories            | Quantity |
|------------------------|----------|
| Splice protectors      | 120      |
| Nylon tie              | 16       |
| pole mounting brackect | 1        |
| Insulation tape        | 1 reel   |
| Transit tubing         | 1mtr     |
| Plastic spanner        | 1        |
| Blanking Plugs         | 3        |

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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  |
|-------------|--|
| 208-504     | Excel Enbeam 60 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](mailto:sales@excel-networking.com)



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