

Excel Enbeam 360 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type)

Item Code: 208-521

excel
without compromise.



✕ IP68 rated to 1.5 meters

✕ Holds up to 360 single fibres

✕ Integrated pressure valve

✕ Includes 30 splice trays

✕ Includes 360 splice protectors

✕ Mechanical seals

Product Overview

The Enbeam 360 Fibre Splice Enclosure has been designed to allow up to 360 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. The enclosure allows different splice tray options for Splitters or different fibre counts per tray (see additional tray options).

Product Specifications

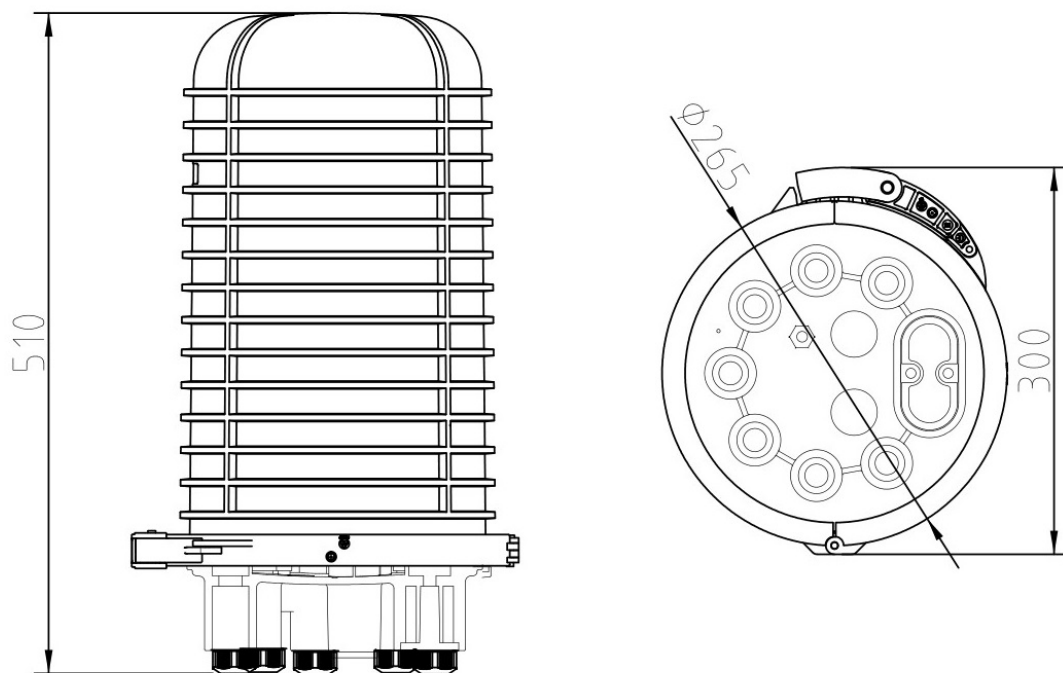
| Feature | Values |
|----------------------------|------------------------|
| Surface mounted | yes |
| Duct installation | yes |
| Type of fastening | Screwing |
| With couplers | no |
| Suitable for type of fibre | Multi mode/single mode |
| IP-rating | IP68 |
| Height | 510 mm |

Excel Enbeam 360 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type)

Item Code: 208-521

excel
without compromise.

Product drawing



Additional specifications

| Features | Values |
|-----------------------------|-----------|
| Maximum number of fibres | 360 |
| Fibres per tray | 6 or 12 |
| Number of trays | 60 or 30 |
| Number of Oval cable ports | 1 |
| Suitable for cable diameter | 12 - 22mm |
| Number of large cable ports | 7 |
| Suitable for cable diameter | 8 - 18mm |
| Heatshink port | 2 |

Excel Enbeam 360 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type)

Item Code: 208-521



| | |
|---------------------------------------|-----------------------------|
| Suitable for cable diameter | 15 - 25mm |
| IP rating | IP68 |
| Sealing method for all entry and exit | Mechanical |
| Weight | 4.0 - 5.5kgs |
| Colour | Black |
| Material | Polypropylene + Glass Fibre |
| UV resistant | Yes |
| Mounting kit included | Pole |
| Operating temperature | -40°C to +65°C |

Included accessories

| Accessories | | Quantity |
|---|------------------------|----------|
| Rubber sealing glands for round entry ports | To fit cable diameter | Qty |
| | Single Cable per gland | |
| | 8-13mm | 7 |
| | 13-18mm | 7 |
| | 4 x Cables per gland | |
| | 5-7mm | 7 |
| | 2 x Cables per gland | |
| | Oval cable type | |
| | 4.5 x 8.2mm | 7 |

Rubber sealing glands for Oval entry ports

| | | |
|--------------------------|----------|---|
| | 12-16mm | 1 |
| | 16 -22mm | 1 |
| Heatshrink tube included | yes | 2 |
| Splice protectors | Yes | |
| Nylon tie | Yes | |
| Pole mounting bracket | Yes | |
| Insulation tape | Yes | |
| Blanking plugs | yes | 9 |

Excel Enbeam 360 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type)

Item Code: 208-521



| | |
|---------------|-----|
| Allen key | Yes |
| Wrench | Yes |
| Earthing Stud | Yes |
| Alcohol Wipes | Yes |
| Transite tube | Yes |
| Spiral Wrap | Yes |

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. |

Part Number Table

| Part Number | Description |
|-------------|--|
| 208-520 | Excel Enbeam 288 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type) |
| 208-521 | Excel Enbeam 360 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome 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



E&OE. Excel is a registered trade name of Mayflex Holdings Ltd.