# Excel Enbeam 32 Way Splitter Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type...

**Part Code: 208-505**

sales@excel-networking.com
excel-networking.com



## Main Features

- / IP68 rated to 1.5 meters
- / Integrated pressure valve
- / Accepts PLC splitter
- / Holds up to 120 single fibres
- / Mechanically sealed (compression)
- / Holds up to 36 SC simplex adaptors

## Product Overview

The Enbeam Fibre Dome Enclosure has been designed to allow up to 120 fibres to be spliced and housed within an IP68 rated durable enclosure ideal for harsh environment applications. The enclosure is mechanically sealed via compression glands allowing 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 32 SC Simplex adaptors allowing connections to be made directly from the enclosure.


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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 | **260 mm** |
| Height | **480 mm** |
| Depth | **260 mm** |

## Additional specifications

| Features | Values |
|---|---|
| Maximum number of fibres | **120** |
| Fibres per tray | **24** |
| Number of trays | **5** |
| Number of large round cable entry points | **2** |
| Suitable for cable diameters | **8mm to 17.5mm ⌀** |
| Number of small round cable entry points | **4** |
| Suitable for drop cable diameter | **8mm to 17.5mm ⌀** |
| Number of uncut cable entry | **1** |
| Suitable for cable diameter | **8mm to 17.5mm ⌀** |



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| | |
|---|---|
| IP rating | **IP68 to 1.5mtr** |
| Sealing method for all entry and exit | **Mechanical (compression)** |
| Weight | **4.8kg** |
| Colour | **Black** |
| Material | **ABS** |
| Number of SC adaptor positions | **36** |
| Operating temperature | **-40 °C to +65 °C** |
| Mounting kit Included | **Pole/wall** |
| Arial mounting kit (optional extra) | |
| Pole mounting kit (optional extra) | |

## Included accessories

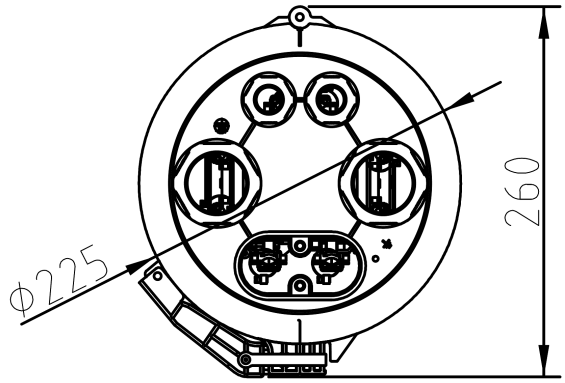
| Accessories | Quantity |
|---|---|
| Splice protectors | **48** |
| Nylon tie | **20** |
| pole mounting bracket | **1** |
| Insulation tape | **1 reel** |
| Transit tubing | **0.5mtr** |

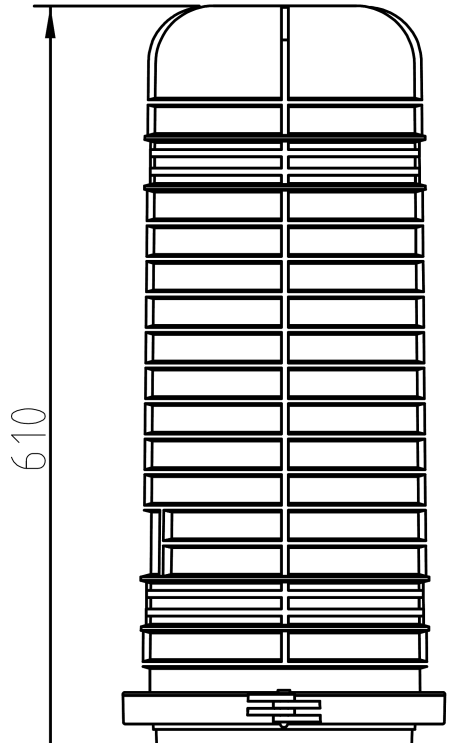


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## Product drawing






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## 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 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. |


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## Part Code Table

| Part Code | Description |
| --- | --- |
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