

Excel Enbeam 288 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type)

Part Code: 208-508

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Main Features

- / IP68 rated to 1.5 meters
- / Integrated pressure valve
- / Includes 24 splice trays
- / Holds up to 288 single fibres
- / Mechanically sealed (compression)
- / Includes 288 splice protectors

Product Overview

The Enbeam Hinged 288 Fibre Splice Enclosure has been designed to allow up to 288 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 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 be expanded to take up to 288 fibres by increasing the number of trays (see additional tray options).

Product Specifications

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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	480 mm

Additional specifications

Features	Values
Maximum number of fibres	288
Fibres per tray	12
Number of trays	24
Number of large cable ports	2
Suitable for cable diameter	8 to 17.5mm Ø
Number of small cable ports	4
Suitable for cable diameter	8 to 17.5mm Ø
IP rating	IP68 to 1.5mtr
Sealing method for all entry and exit	Mechanical (compression)
Weight	6.5kg
Colour	Black
Material	ABS
Mounting kit included	Wall/pole

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Operating temperature

-40 °C to +65 °C

Included accessories

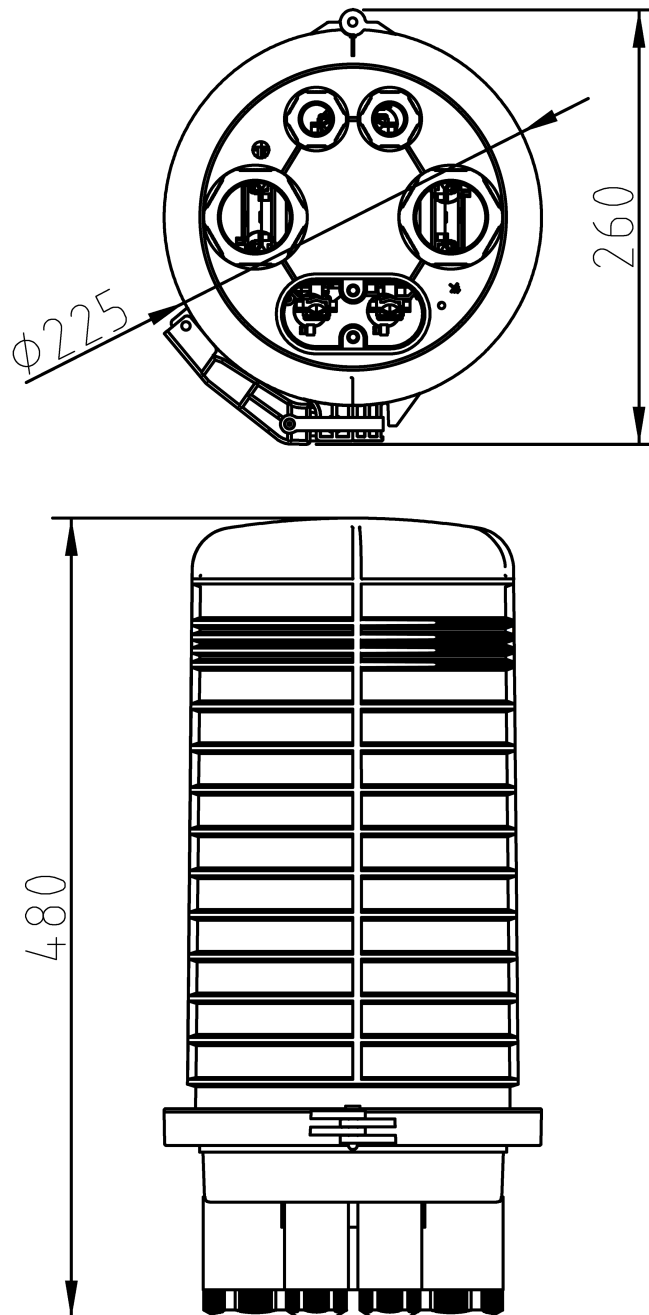
Accessories	Quantity
Splice protectors	288
Nylon tie	48
wall mounting bracket	1
Insulation tape	1 reel
Transit tubing	6mtr
Plastic sealing tool	1
Blanking plugs	6

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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

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