Excel Enbeam 576 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type)

Part Code: 208-522

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Main Features

- / IP68 rated to 1.5 meters
- / Integrated pressure valve
- / Includes 576 splice protectors
- / Holds up to 576 single fibres
- / Includes 48 splice trays
- / Mechanical seals

Product Overview

The Enbeam 576 Fibre Splice Enclosure has been designed to allow up to 576 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 can be expanded to take up to 648 fibres by increasing the number of trays or to add different splice tray options for Splitters or different fibre counts per tray (see additional tray options).

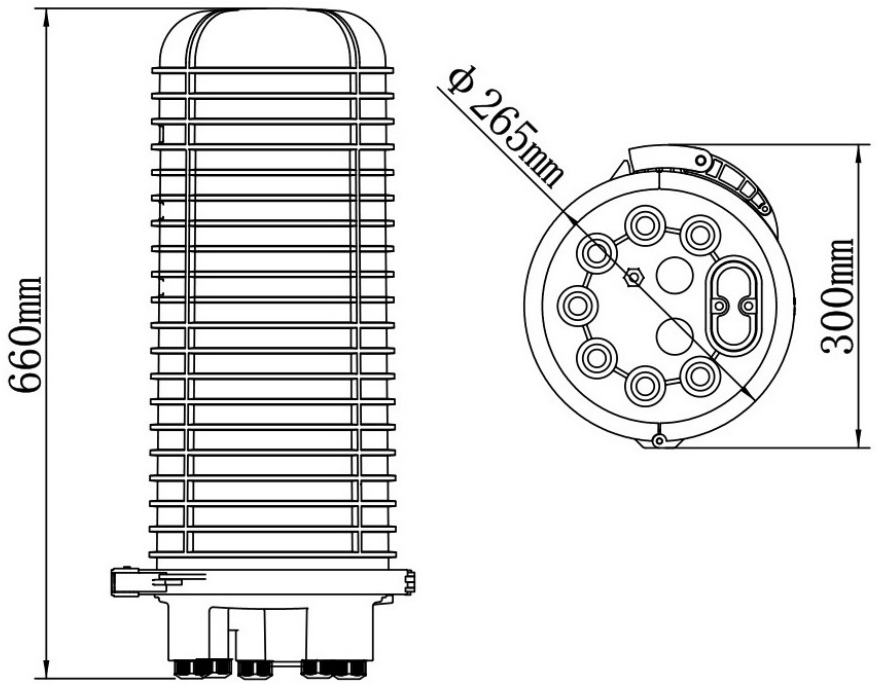
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Product Specifications

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**
Height	**660 mm**

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Product drawing



Additional specifications

Features	Values
Maximum number of fibres	**648**
Fibres per tray	**6 or 12**
Number of trays	**108 or 54**
Number of Oval cable ports	**1**

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Suitable for cable diameter	**12 - 22mm**
Number of large cable ports	**7**
Suitable for cable diameter	**8 - 18mm**
Heatshink port	**2**
Suitable for cable diameter	**15 - 25mm**
IP rating	**IP68**
Sealing method for all entry and exit	**Mechanical**
Weight	**6.0 - 8.0kgs**
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	

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	Oval cable type	
	4.5 x 8.2mm	7

Rubber sealing glands for Oval entry ports

12-16mm	1
	16 -22mm
Heatshrink tube included	yes
Splice protectors	Yes
Nylon tie	Yes
Pole mounting bracket	Yes
Insulation tape	Yes
Blanking plugs	yes
Allen key	Yes
Wrench	Yes
Earthing Stud	Yes
Alcohol Wipes	Yes
Transite tube	Yes
Spiral Wrap	Yes

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).

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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.

Part Code Table

Part Code	Description
208-522	**Excel Enbeam 576 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type)**
208-523	**Excel Enbeam 648 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type)**

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