Excel Enbeam 48 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type)

Part Code: 208-500

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Main Features

- / Up to 144 Fibre
- / IP68
- / Termination and splice kit included
- / Hinged Splice Tray holds up to 24 heatshrink splice protectors
- / UV Resistant
- / Cable entry/exit 4 round 1 x uncut

Product Overview

The Excel Enbeam Dome enclosure allows up to 144 fibres to be installed using compression glands to seal the unit, allowing quick and simple installation methods, without the need for specialist tools. Its IP68 rating allows the unit to be externally mounted on walls, pole or pit applications whilst retaining it performance capability.

Product Specifications

Feature	Values

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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	**230 mm**
Height	**450 mm**

Additional specifications

Features	Values
Weight	**4.2 to 4.8 kgs**
Maximum number of splice trays	**6**
Maximum number of fibre per splice tray	**24**
Standard cable entry point	**4**
Cable diameter	**8mm to 17.5mm**
Uncut cable entry point	**1**
Sealing method	**Mechanical**
Material	**Polypropylene**
Colour/Finish	**Black**
Operating temperature	**-40°C to +60°C**
UV resistant	**Yes**

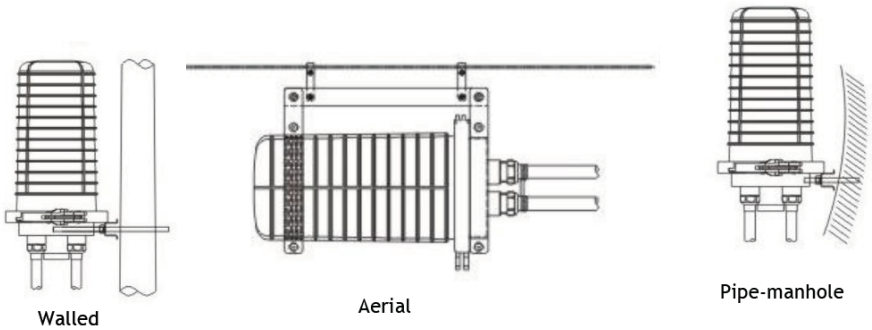
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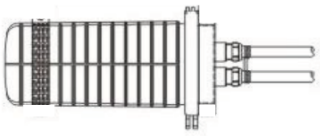
Included accessories

Accessories	Quantity
Splice protectors	**up to 144**
Nylon tie	**12**
Pole mounting bracket	**1**
Insulation tape	**1 reel**
Wall fixings	**2**
Rubber sealing glands	**8**
Blanking plugs	**5**
Allen key	**1**

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Product drawing





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

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	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
208-500	**Excel Enbeam 48 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type)**
208-501	**Excel Enbeam 72 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type)**
208-502	**Excel Enbeam 96 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type)**
208-503	**Excel Enbeam 144 Fibre Optic Splice Closure (FOSC) with Mechanical Seals (Dome Type)**

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