

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

Part Code: 208-505

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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 ø
Number of small round cable entry points	4
Suitable for drop cable diameter	8mm to 17.5mm ø
Number of uncut cable entry	1
Suitable for cable diameter	8mm to 17.5mm ø

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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

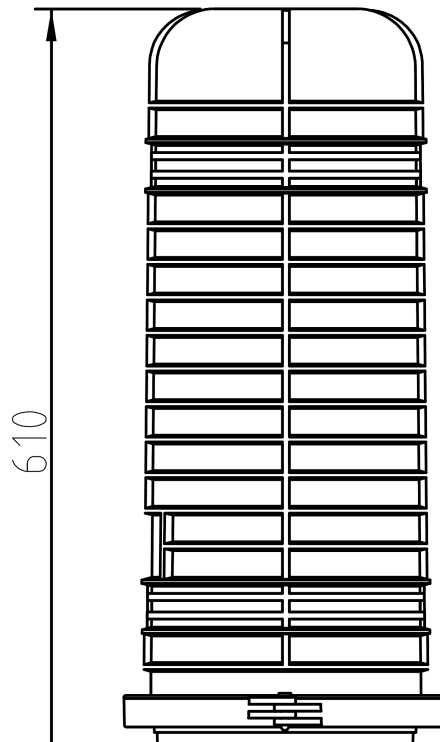
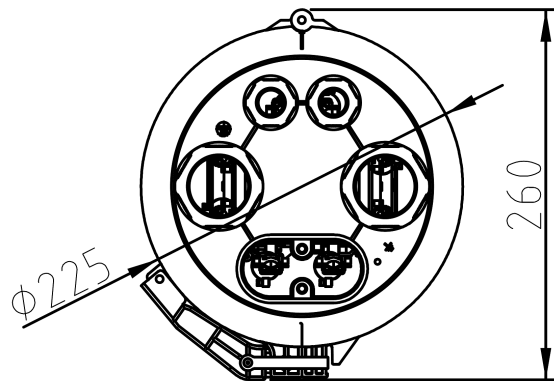
Accessories	Quantity
Splice protectors	48
Nylon tie	20
pole mounting bracket	1
Insulation tape	1 reel
Transit tubing	0.5mtr

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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

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