Excel Enbeam 24 Way Multimode Fibre Optic Panel 24 LC Quad (96 Fibre) Aqua

Part Code: 203-553

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CIBSE TM65 Embodied Carbon:



Main Features

/ Multiple cable entry to rear

/ 1U rack space design

/ Special configurations made to order

/ Up to 96 fibres

/ Optional patchcord management

/ 25 year system warranty

Product Overview

The Excel range of LC patch panels are sliding drawer "tray-style" housings suitable for either direct termination or splicing of up to 96 fibres (48 using SC duplex or 96 when using LC quad connections) in a 1U space. Each panel is manufactured from a mix of 1 mm thick steel with a powder-coated finish and a high-density polycarbonate sliding tray, offering a lightweight, strong, durable unit.

To the front of the patch panel, the specified number of duplex/quad adaptors are loaded from left to right. Each panel utilises colour-coded adaptors: beige, aqua and violet for multimode, blue for single mode, and green for single-mode APC.
This design delivers lower emissions and less reliance on mineral extraction, while achieving a 36% decrease in embedded carbon compared with the metal version.

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The lighter construction also minimises floor loading during installation and decreases the overall cabinet weight, improving handling and installation efficiency.
Additional features include easier one-person installation, integrated knockouts, and rear entry points on both the left and right sides for improved cable access and flexibility.

Note that this panel only accepts flangeless SC/LC adaptors and can be assembled to order using a combination of adaptors, pigtails and splice cassettes – call to enquire.

Product Specifications

Feature	Values
Suitable for number of fibre cores	**96**
Suitable for number of module inserts	**24**
Loaded with number of couplings/adapters	**24**
With pigtails	**no**
Fibre type	**Multi mode 50/125**
Fibre class	**OM3/OM2**
APC-type	**no**
Type of connector external	**LC-Quad**
Type of connector interior	**LC-Quad**
Colour	**Black**
RAL-number	**9005**
Mounting method	**482.6 mm (19 inch) mounting**
Number of rack units (RU)	**1**
Height	**43.5 mm**
Width	**483 mm**
Depth	**219.5 mm**

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Additional specifications

Feature	Value
Operating Temprature	**-40 to +80 °C**
IP Rating	**IP20**
Cable Entry 20mm	**2**
Cable Entry 25mm	**2**
Blown fibre entry	**8**
Material	**Cold rolled steel**
Material Thickness	**1 mm**
Material Coating	**Powder coating**
RoHs Compliant Adaptor	**Yes**
Designed in accordance with	**ISO/IEC 11801, IEC60304,IEC61754, TIA/EIA 568.D**

Included accessories

Accessories	Quantity
Cable Gland (PG 13.5)	**1**
Cable Gland(PG 19)	**1**
Nylon cable tie	**7**
Adjustable cable tie	**4**
24 Position splice holder	**1 to 3 Dependant on fibre count**
Label holder (210 x 9.2 mm)	**2**
Mounting twist tie	**4**

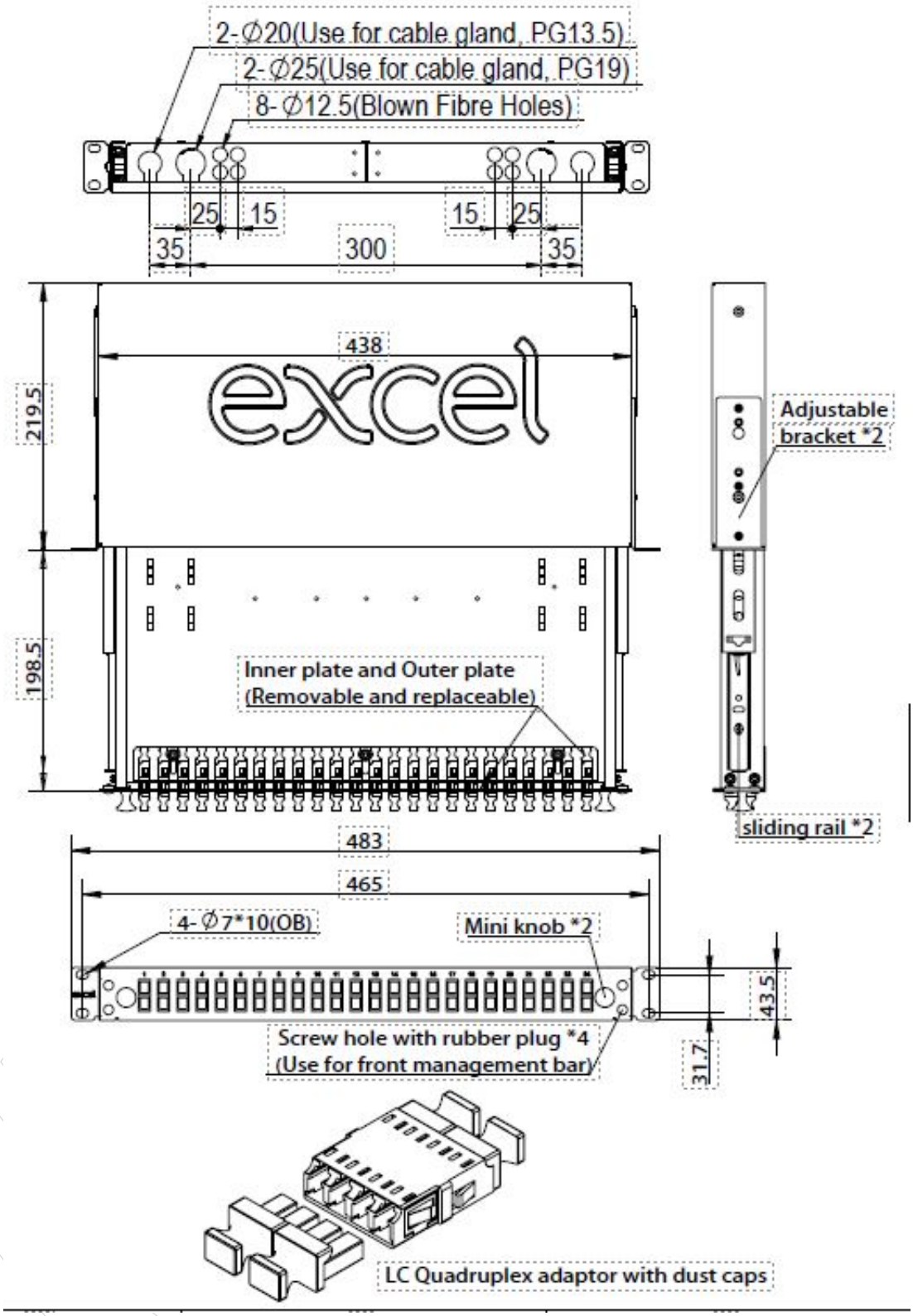
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Cage nuts and screws	**1 pack**

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Product drawings

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Standards

Applicable standard	Detail
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).
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.
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
200-488	**Excel Enbeam 24 Way Singlemode Fibre Optic Panel 24 LC Quad (96 Fibre) Blue**
200-489	**Excel Enbeam 24 Way Multimode Fibre Optic Panel 24 LC Quad (96 Fibre) Beige**
203-553	**Excel Enbeam 24 Way Multimode Fibre Optic Panel 24 LC Quad (96 Fibre) Aqua**

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204-553	**Excel Enbeam 24 Way Multimode Fibre Optic Panel 24 LC Quad (96 Fibre) Violet**

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