

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

Part Code: 203-553

sales@excel-networking.com
excel-networking.com

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. The lighter construction also minimises floor loading during installation and decreases the overall cabinet weight, improving handling and installation efficiency....

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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

Additional specifications

Feature	Value
Operating Temperature	-40 to +80 °C
IP Rating	IP20

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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
Cage nuts and screws	1 pack

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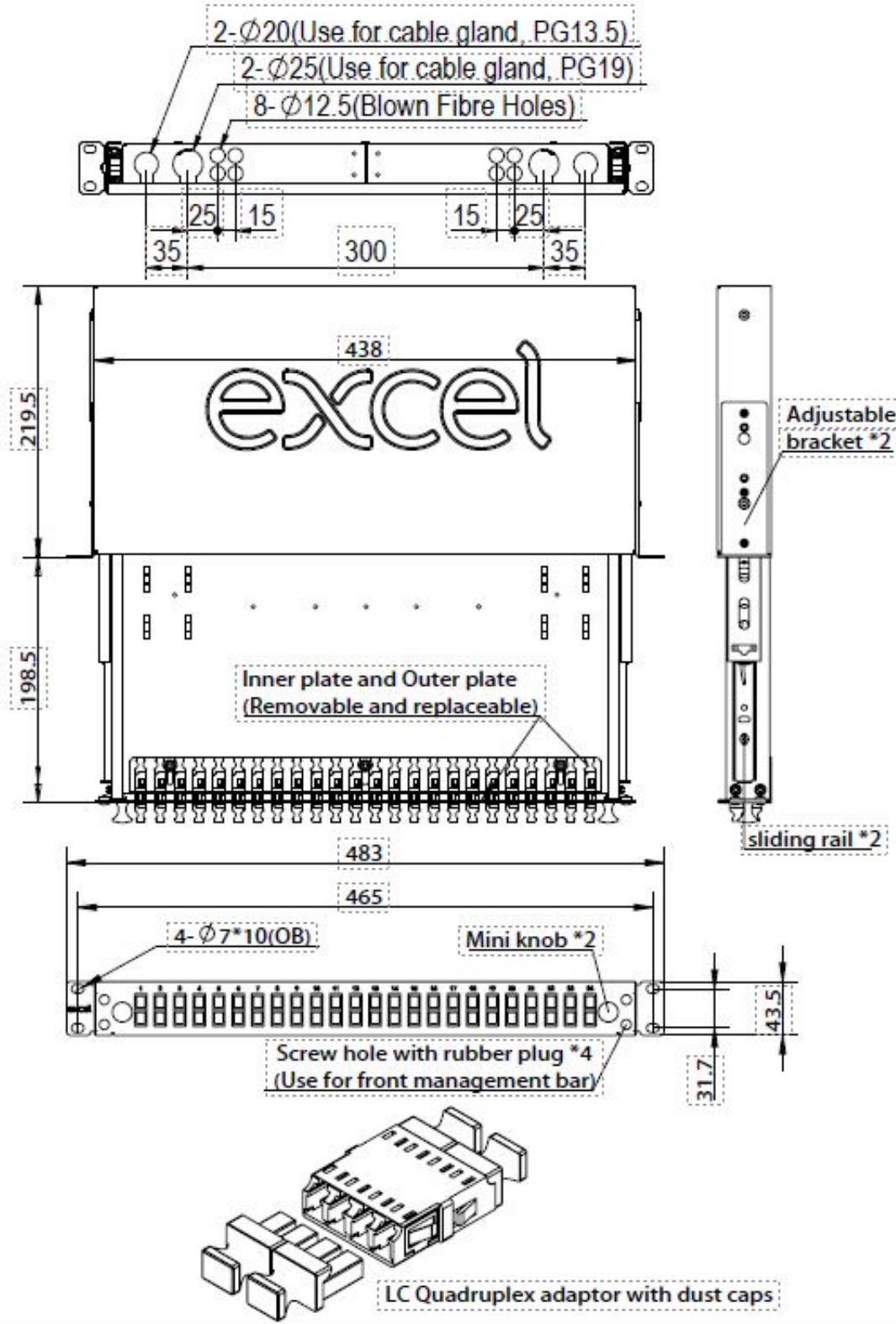
Product drawings



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