

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

Part Code: 204-553

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 | OM4/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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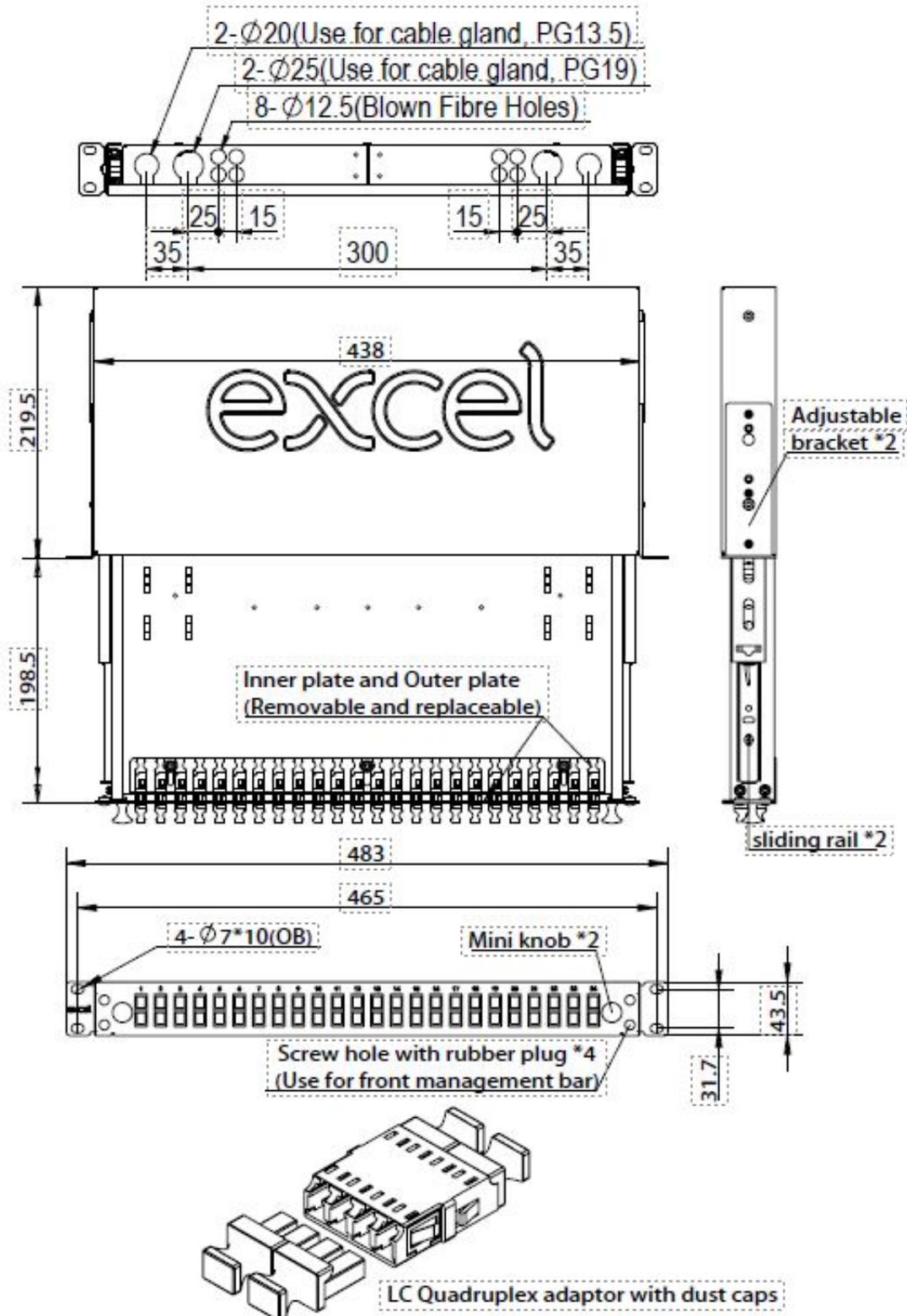
Product drawings



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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 |
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