

# Excel Enbeam 24 Way Singlemode Fibre Optic Panel

## 24 LC Duplex (48 Fibre) Blue

Item Code: 200-476



- Multiple cable entry to rear
- Up to 48 fibres
- 1U rack space design
- Optional patchcord management
- Special configurations made to order
- 25 year system warranty
- CIBSE TM65 Embodied Carbon: 19.983 kg CO2e

### 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 48 fibres in 1U of rack space. Each panel is manufactured from high quality 2 mm thick steel and finished in black powder coat to provide a strong and durable unit.

To the front of the patch panel the specified number of adaptors are loaded from left to right. Each panel utilises colour coded adaptors, beige, aqua and violet for multimode, blue for singlemode, and green for SM APC. Each duplex (or quad) adaptor accommodates two (four) terminated fibres.

Each panel has included within it a set of fixing brackets, and a cable management pack which includes cable entry glands, cable ties, splice holders, cage nuts and screws are also provided.

Note that LC panels can be assembled to order using a combination of adaptors, pigtailed and splice cassettes.

### Product Specifications

| Feature                                  | Values |
|------------------------------------------|--------|
| Suitable for number of fibre cores       | 48     |
| Suitable for number of module inserts    | 24     |
| Loaded with number of couplings/adapters | 24     |
| With pigtailed                           | no     |

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|                            |                             |
|----------------------------|-----------------------------|
| Fibre type                 | Single mode                 |
| Fibre class                | OS2                         |
| APC-type                   | no                          |
| Type of connector external | LC-Duplex                   |
| Type of connector interior | LC-Duplex                   |
| 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                                             |
| Cable Entry 20mm            | 2                                                |
| Cable Entry 25mm            | 2                                                |
| Material                    | Cold rolled steel                                |
| Material Thickness          | 1.2 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        |

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|                             |                                 |
|-----------------------------|---------------------------------|
| 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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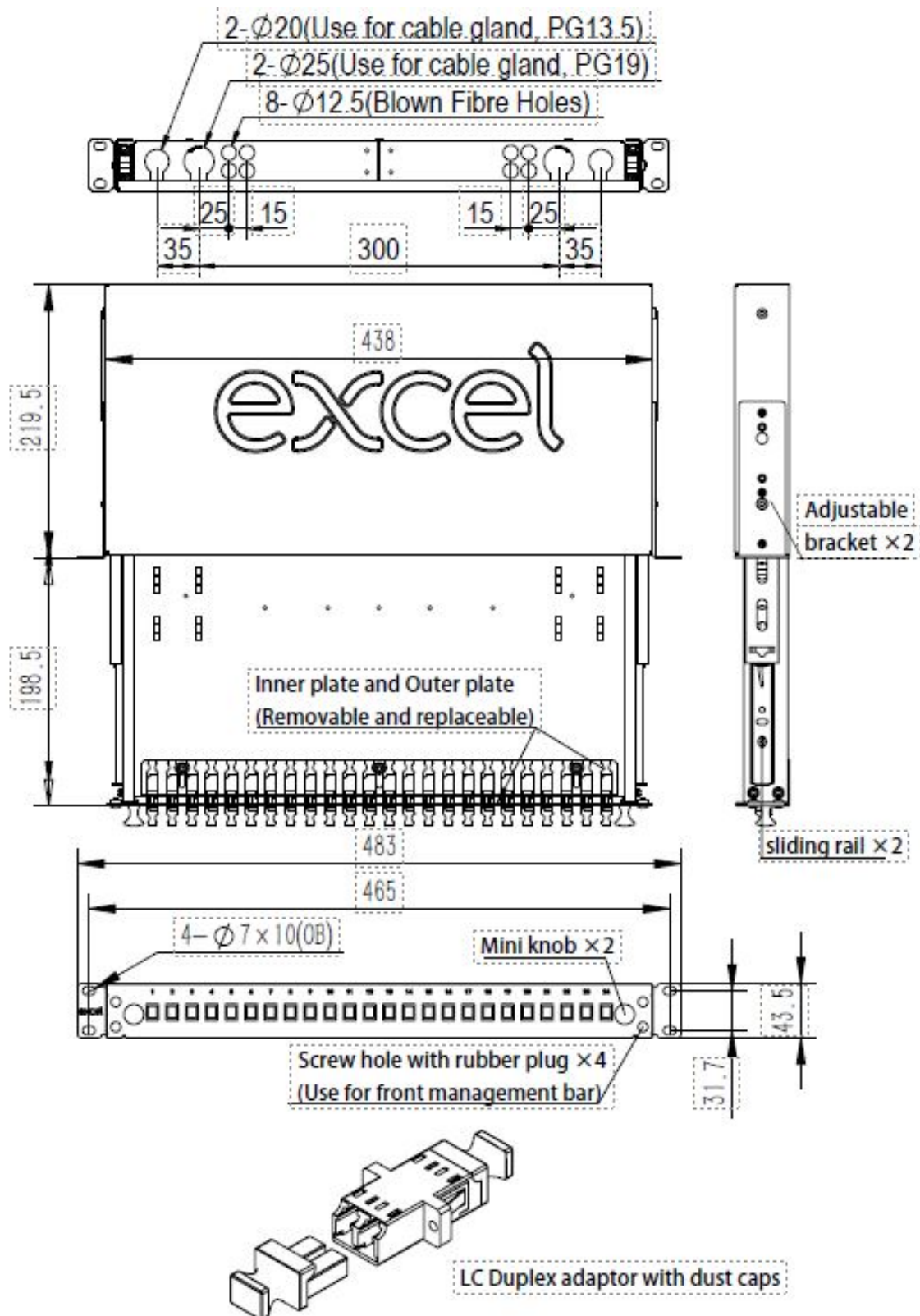
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### Product drawing

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## Standards

| Applicable standard                        | Detail                                                                                                                                                                          |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RoHS-II/-III (2011/65/EU & 2015/863): 2023 | Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III). |
| WFD: 2023                                  | Compliant to Waste Framework Directive                                                                                                                                          |
| SCIP: 2023                                 | Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products)                                                                         |
| POPs (EU) No 2019/1021                     | EU Regulation for the restriction of Persistent Organic Pollutants.                                                                                                             |

## Part Number Table

| Part Number | Description                                                                    |
|-------------|--------------------------------------------------------------------------------|
| 200-460     | Excel Enbeam 24 Way Multimode Fibre Optic Panel 4 LC Duplex (8 Fibre) Beige    |
| 200-461     | Excel Enbeam 24 Way Multimode Fibre Optic Panel 6 LC Duplex (12 Fibre) Beige   |
| 200-462     | Excel Enbeam 24 Way Multimode Fibre Optic Panel 8 LC Duplex (16 Fibre) Beige   |
| 200-464     | Excel Enbeam 24 Way Multimode Fibre Optic Panel 12 LC Duplex (24 Fibre) Beige  |
| 200-466     | Excel Enbeam 24 Way Multimode Fibre Optic Panel 24 LC Duplex (48 Fibre) Beige  |
| 200-470     | Excel Enbeam 24 Way Singlemode Fibre Optic Panel 4 LC Duplex (8 Fibre) Blue    |
| 200-472     | Excel Enbeam 24 Way Singlemode Fibre Optic Panel 8 LC Duplex (16 Fibre) Blue   |
| 200-474     | Excel Enbeam 24 Way Singlemode Fibre Optic Panel 12 LC Duplex (24 Fibre) Blue  |
| 200-476     | Excel Enbeam 24 Way Singlemode Fibre Optic Panel 24 LC Duplex (48 Fibre) Blue  |
| 203-540     | Excel Enbeam 24 Way Multimode Fibre Optic Panel 12 LC Duplex (24 Fibre) Aqua   |
| 203-542     | Excel Enbeam 24 Way Multimode Fibre Optic Panel 24 LC Duplex (48 Fibre) Aqua   |
| 204-542     | Excel Enbeam 24 Way Multimode Fibre Optic Panel 24 LC Duplex (48 Fibre) Violet |

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

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