# Excel Enbeam 24 Way Singlemode Fibre Optic Panel 6 SC Duplex (12 Fibre) Blue

**Part Code: 200-481-PL**

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CIBSE TM65 Embodied Carbon: 10.900 kg CO2e




## Main Features

- New plastic tray design
- Up to 48 fibres
- Recessed adaptors
- Multiple cable entry to rear
- 1U rack space design
- 25 year system warranty

## Product Overview

The Excel range of SC 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 black UL94-V0 ABS plastic and a metal support frame providing a strong and durable unit.

To the front of the patch panel the specified number of duplex 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 adaptor accommodates two 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, and a 24 way splice bridge.


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Note: Removal tool 208-172 is required to remove adaptors.

Reduction in emissions
Reduced mineral extraction
Reduction in embedded carbon by 43% compared to metal version
Reduced floor loading on installations
Reduced weight in cabinets
Easier one-man installation
Integrated Knockouts
Rear entry points left and right

## Product Specifications

| Feature | Values |
|---|---|
| Suitable for number of fibre cores | **48** |
| Suitable for number of module inserts | **24** |
| Loaded with number of couplings/adapters | **6** |
| With pigtails | **no** |
| Fibre type | **Single mode** |
| Fibre class | **OS2** |
| APC-type | **no** |
| Type of connector external | **SC duplex** |
| Type of connector interior | **SC duplex** |
| Colour | **Black** |
| RAL-number | **9005** |
| Mounting method | **482.6 mm (19 inch) mounting** |
| Number of rack units (RU) | **1** |
| Height | **43.8 mm** |
| Width | **482 mm** |
| Depth | **216.3 mm** |



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## Additional specifications

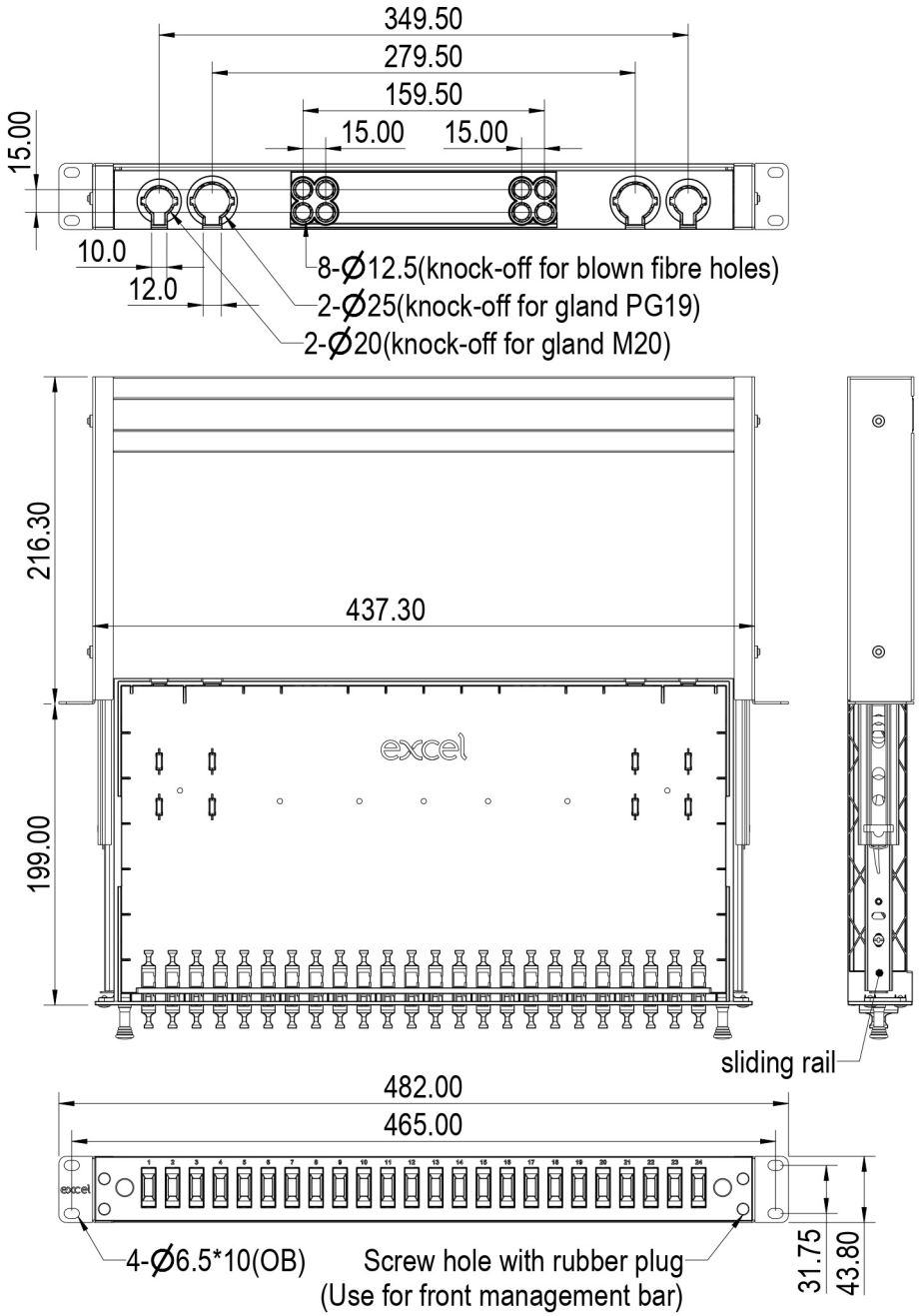
| Feature | Value |
|---|---|
| Operating Temprature | **-40 to +80 °C** |
| IP Rating | **IP20** |
| Cable Entry 20 mm | **2** |
| Cable Entry 25 mm | **2** |
| Material | **ABS and cold rolled steel** |
| Material Thickness | **1.2 mm** |
| Material Coating | **Powder coating** |
| RoHs Compliant Adaptor | **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** |
| 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 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. |
| 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. |

## Part Code Table

| Part Code | Description |
|---|---|
| 200-401-PL | **Excel Enbeam 24 Way Multimode Fibre Optic Panel 4 SC Duplex (8 Fibre) Beige** |
| 200-405-PL | **Excel Enbeam 24 Way Multimode Fibre Optic Panel 6 SC Duplex (12 Fibre) Beige** |
| 200-406-PL | **Excel Enbeam 24 Way Multimode Fibre Optic Panel 8 SC Duplex (16 Fibre)** |


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| | |
|---|---|
| | **Beige** |
| 200-407-PL | **Excel Enbeam 24 Way Multimode Fibre Optic Panel 12 SC Duplex (24 Fibre) Beige** |
| 200-408-PL | **Excel Enbeam 24 Way Multimode Fibre Optic Panel 24 SC Duplex (48 Fibre) Beige** |
| 200-411-PL | **Excel Enbeam 24 Way Singlemode Fibre Optic Panel 24 SC Duplex (48 Fibre) Blue** |
| 200-479-PL | **Excel Enbeam 24 Way Singlemode Fibre Optic Panel 24 SC APC Duplex (48 Fibre) Green** |
| 200-480-PL | **Excel Enbeam 24 Way Singlemode Fibre Optic Panel 4 SC Duplex (8 Fibre) Blue** |
| 200-481-PL | **Excel Enbeam 24 Way Singlemode Fibre Optic Panel 6 SC Duplex (12 Fibre) Blue** |
| 200-482-PL | **Excel Enbeam 24 Way Singlemode Fibre Optic Panel 8 SC Duplex (16 Fibre) Blue** |
| 200-483-PL | **Excel Enbeam 24 Way Singlemode Fibre Optic Panel 12 SC Duplex (24 Fibre) Blue** |
| 203-461-PL | **Excel Enbeam 24 Way Multimode OM3 Fibre Optic Panel 4 SC Duplex (8 Fibre)** |
| 203-463-PL | **Excel Enbeam 24 Way Multimode OM3 Fibre Optic Panel 6 SC Duplex (12 Fibre)** |
| 203-465-PL | **Excel Enbeam 24 Way Multimode OM3 Fibre Optic Panel 8 SC Duplex (16 Fibre)** |
| 203-530-PL | **Excel Enbeam 24 Way Multimode Fibre Optic Panel 12 SC Duplex (24 Fibre) Aqua** |
| 203-532-PL | **Excel Enbeam 24 Way Multimode Fibre Optic Panel 24 SC Duplex (48 Fibre) Aqua** |
| 204-461-PL | **Excel Enbeam 24 Way Multimode OM4 Fibre Optic Panel 4 SC Duplex (8 Fibre)** |
| 204-463-PL | **Excel Enbeam 24 Way Multimode OM4 Fibre Optic Panel 6 SC Duplex (12 Fibre)** |
| 204-465-PL | **Excel Enbeam 24 Way Multimode OM4 Fibre Optic Panel 8 SC Duplex (16 Fibre)** |
| 204-530-PL | **Excel Enbeam 24 Way Multimode Fibre Optic Panel 12 SC Duplex (24 Fibre) Violet** |
| 204-532-PL | **Excel Enbeam 24 Way Multimode Fibre Optic Panel 24 SC Duplex (48 Fibre) Violet** |


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