

# Excel Enbeam 24 Way Singlemode Fibre Optic Panel 24 LC Duplex (48 Fibre) Blue

excel  
without compromise.

Part Code: 200-476

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

CIBSE TM65 Embodied Carbon: 19.983 kg CO2e



## Main Features

- / Multiple cable entry to rear
- / Optional patchcord management
- / 25 year system warranty
- / 1U rack space design
- / Special configurations made to order
- / 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 24 fibre using SC simplex or 48 when using LC duplex 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 SM/APC. Each simplex/duplex adaptor accommodates 1 to 2 terminated fibres. 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...

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## 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 pigtails	no
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

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Cable entry 20 mm	2
Cable entry 25 mm	2
Blown fibre entry	8
Material	<b>Colds rolled steel and polycarbonate</b>
Metal material thickness	<b>1 mm</b>
Material coating (metal)	<b>Powder coating</b>
Polycarbonate material thickness	<b>Verious</b>
RoHs compliant adaptor	<b>yes</b>
Designed in accordance with	<b>ISO/IEC 11801, IEC60304, IEC61754, TIA/EIA 568.D</b>

## Included accessories

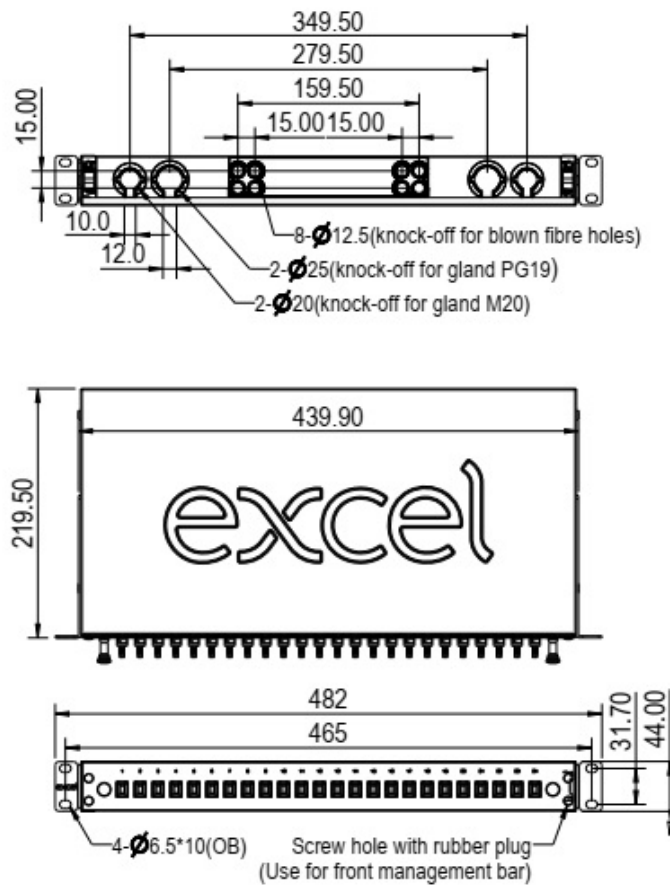
Accessories	Quantity
Cable Gland (PG 13.5)	1
Cable Gland (PG 19)	1
Nylon cable tie	7
Adjustable cable tie	4
24 Position splice holder	<b>1 to 3 Dependant on fibre count</b>
Label holder (210 x 9.2 mm)	2
Mounting twist tie	4
Cage nuts and screws	<b>1 pack</b>

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## Product drawing



LC duplex adaptor  
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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
200-460	<b>Excel Enbeam 24 Way Multimode Fibre Optic Panel 4 LC Duplex (8 Fibre) Beige</b>
200-461	<b>Excel Enbeam 24 Way Multimode Fibre Optic Panel 6 LC Duplex (12 Fibre) Beige</b>
200-462	<b>Excel Enbeam 24 Way Multimode Fibre Optic Panel 8 LC Duplex (16 Fibre)</b>

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## Beige

200-464	<b>Excel Enbeam 24 Way Multimode Fibre Optic Panel 12 LC Duplex (24 Fibre) Beige</b>
200-466	<b>Excel Enbeam 24 Way Multimode Fibre Optic Panel 24 LC Duplex (48 Fibre) Beige</b>
200-470	<b>Excel Enbeam 24 Way Singlemode Fibre Optic Panel 4 LC Duplex (8 Fibre) Blue</b>
200-472	<b>Excel Enbeam 24 Way Singlemode Fibre Optic Panel 8 LC Duplex (16 Fibre) Blue</b>
200-474	<b>Excel Enbeam 24 Way Singlemode Fibre Optic Panel 12 LC Duplex (24 Fibre) Blue</b>
200-474-ITS	<b>Excel Enbeam 24 Way Singlemode Fibre Optic Panel 12 LC Duplex (24 Fibre) Blue</b>
200-476	<b>Excel Enbeam 24 Way Singlemode Fibre Optic Panel 24 LC Duplex (48 Fibre) Blue</b>