



✗ Multiple cable entry to rear

✗ Up to 96 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 96 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 Singlemode 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, pigtails and splice cassettes.

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	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
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

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

Item Code: 200-489

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24 Position splice holder	1 to 3 Dependant on fibre count
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Label holder (210 x 9.2 mm)	2
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Mounting twist tie	4
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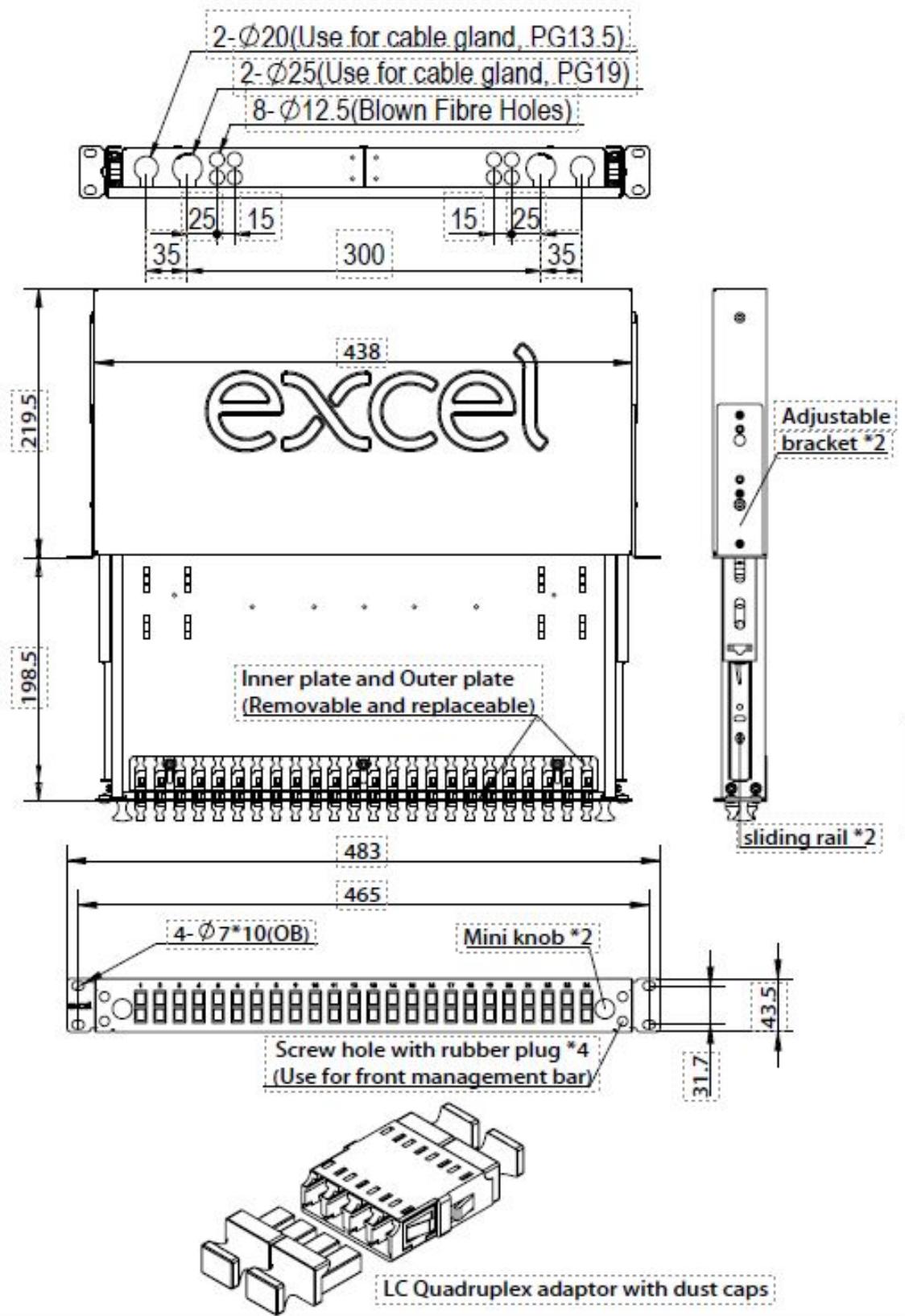
Cage nuts and screws	1 pack
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Product drawings



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
200-488	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

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