Excel Enbeam 24 Way Multimode OM3 Fibre Optic Panel 24 LC Duplex Shuttered (48 Fibre) Aqua

Part Code: 203-552

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



Main Features

- Multimode
- Management and fixing kit included
- Multiple cable entry to rear
- Choice of port density
- Adjustable fixing arms included
- Sliding drawer on ball bearing runners

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 2mm 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. The facia also houses the release latches for the sliding drawer.

Each panel utilises colour coded adaptors, beige, aqua and violet for multimode, blue for singlemode, and green for singlemode 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, splice holders, cage nuts and screws are also provided.

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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	**48**
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	**OM3**
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**

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Additional specifications

Feature	Value
Operating Temprature	**-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**

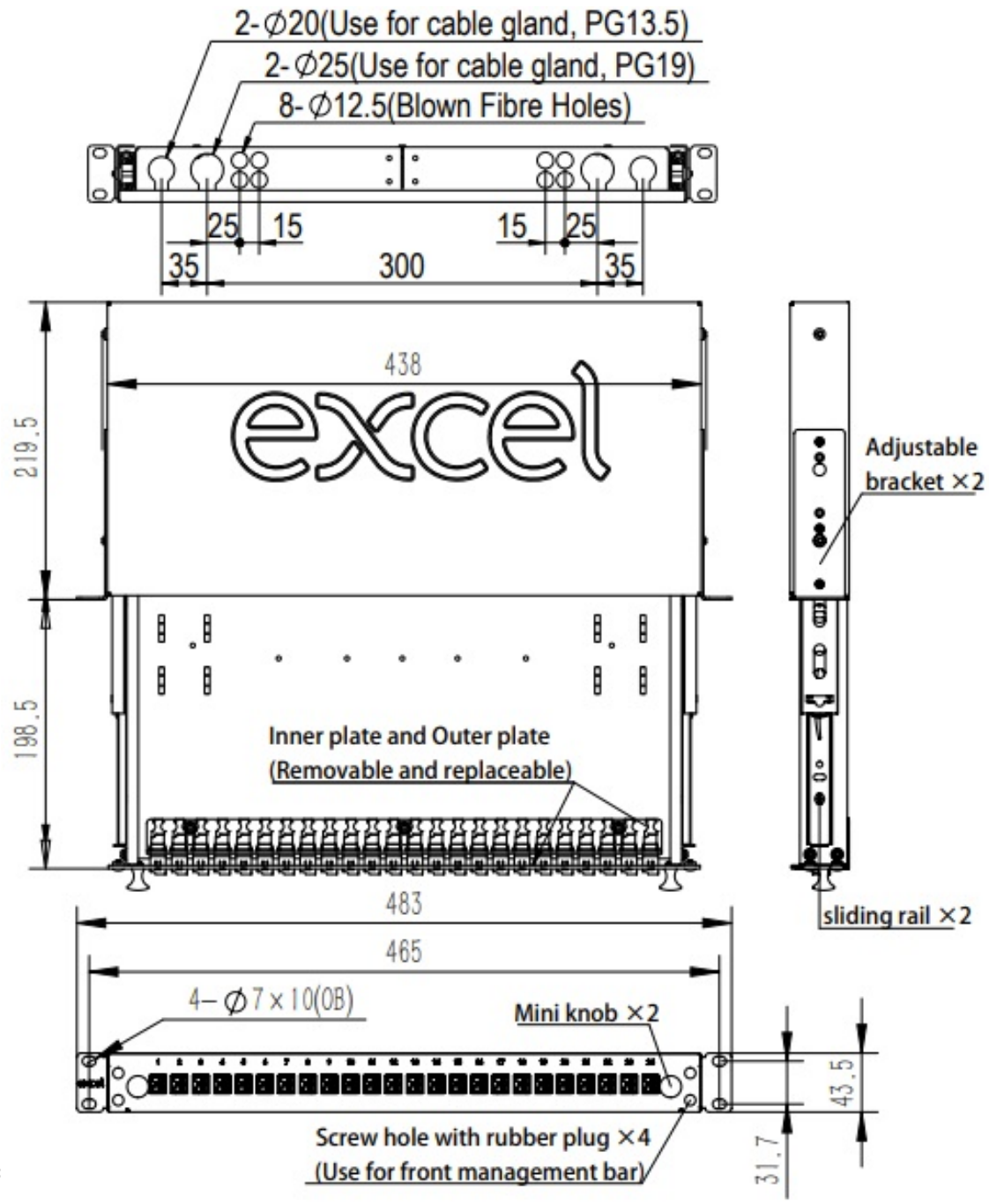
Included accessories

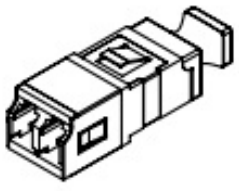
Accessories	Quantity
Cable Gland (PG 13.5)	**1**
Cable Gland(PG 19)	**1**
Nylon cable tie	**7**
Adjustable cable tie	**4**
24 Position splice holder	**1 to 3 Dependant on fibre count**
Label holder (210 x 9.2 mm)	**2**
Mounting twist tie	**4**
Cage nuts and screws	**1 pack**

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Product drawing

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LC Duplex Inner Shutter 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
203-550	**Excel Enbeam 24 Way Multimode OM3 Fibre Optic Panel 12 LC Duplex Shuttered (24 Fibre) Aqua**
203-552	**Excel Enbeam 24 Way Multimode OM3 Fibre Optic Panel 24 LC Duplex Shuttered (48 Fibre) Aqua**

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