



✗ Choice of connectors

✗ Choice of port density

✗ Available in multimode and singlemode

✗ Multiple pre stamped cable entry positions on rear

✗ Cable tie bridges in base of drawer

## Product Overview

Excel loaded patch panels are supplied with pre-configured adaptors for fast, easy installation. All patch panels are supplied with a cable management kit and cage nuts. Cabinet installation is completed using the supplied fixing arms.

## 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
APC-type	no
Type of connector external	LC-Duplex
Type of connector interior	LC-Duplex
Colour	Black
Mounting method	482.6 mm (19 inch) mounting
Number of rack units (RU)	1
Height	44 mm
Width	483 mm
Depth	232.5 mm

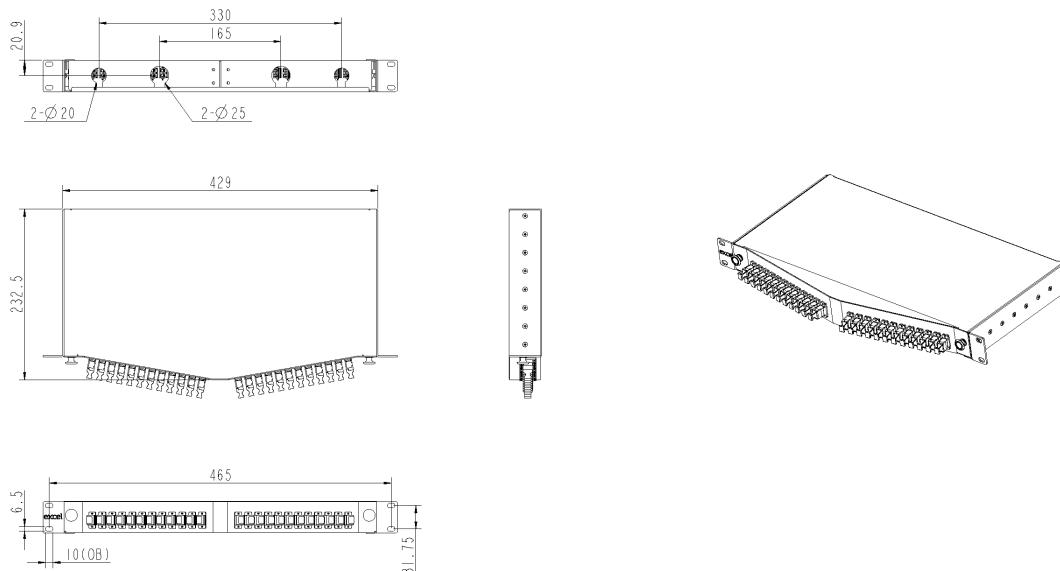
### Additional specifications

Features	Values
IP rating	IP20
Cable entry 20mm	2
Cable entry 25mm	2
Material	Cold rolled steel
Material thickness	1.2mm
Material coating	Powder Coating
Operating temperature	-40 to +80 °C

### Included accessories

Accessories	Quantity
Cable Gland (M20)	2
Adjustable cable tie	4
24 Position splice bridge	2
Mounting twist tie	4
Cage nuts and screws	1pk

### Product drawing



### Standards

Applicable standard	Detail
IEC 61754-1:2013	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 1: General and guidance
ISO/IEC 11801-1:2017	Information technology - Generic cabling for customer premises: Part 1 General Requirements
EN 50173-1:2018	Information technology. Generic cabling systems - General requirements
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).
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).

Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
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.
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
200-468	Excel Enbeam 48 Way Angled MM Fibre Panel 24 LC Duplex (48 Fibre)
200-478	Excel Enbeam 48 Way Angled Singlemode Fibre Panel 24 LC Duplex (48 Fibre)

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

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