

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

Item Code: 200-478

**excel**  
without compromise.



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 pigtailed	no
Fibre type	Single mode
Fibre class	OS2
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

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Depth	232.5 mm
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## 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

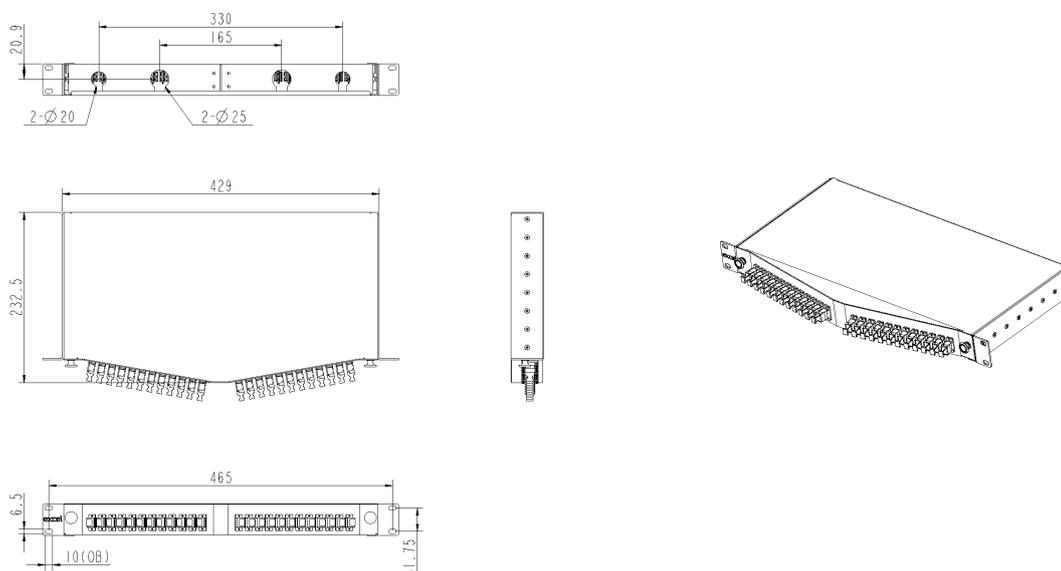
Accessories	Quantity
Cable Gland (M20)	2
Adjustable cable tie	4
24 Position splice bridge	2
Mounting twist tie	4
Cage nuts and screws	1pk

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## 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).
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).

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Directive (EU) 2015/863 (RoHS III)	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
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.
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.
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## 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.

Contact us at [sales@excel-networking.com](mailto:sales@excel-networking.com)



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