

# Excel Enbeam 24 Way Singlemode Fibre Optic Panel 24 SC APC Duplex (48 Fibre) Green

Item Code: 200-479-PL



New plastic tray design

Multiple cable entry to rear

Up to 48 fibres

1U rack space design

Recessed adaptors

25 year system warranty

## Product Overview

The Excel range of SC 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 black UL94-V0 ABS plastic and a metal support frame providing a strong and durable unit.

To the front of the patch panel the specified number of duplex 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 SM 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, and a 24 way splice bridge.

Note: Removal tool 208-172 is required to remove adaptors.

- Reduction in emissions
- Reduced mineral extraction
- Reduction in embedded carbon by 43% compared to metal version
- Reduced floor loading on installations
- Reduced weight in cabinets
- Easier one-man installation
- Integrated Knockouts
- Rear entry points left and right

## Product Specifications

Feature

Values

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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	yes
Type of connector external	SC duplex
Type of connector interior	SC duplex
Colour	Black
RAL-number	9005
Mounting method	482.6 mm (19 inch) mounting
Number of rack units (RU)	1
Height	43.8 mm
Width	482 mm
Depth	216.3 mm

## Additional specifications

Feature	Value
Operating Temperature	-40 to +80 °C
IP Rating	IP20
Cable Entry 20 mm	2
Cable Entry 25 mm	2
Material	ABS and 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

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## Included accessories

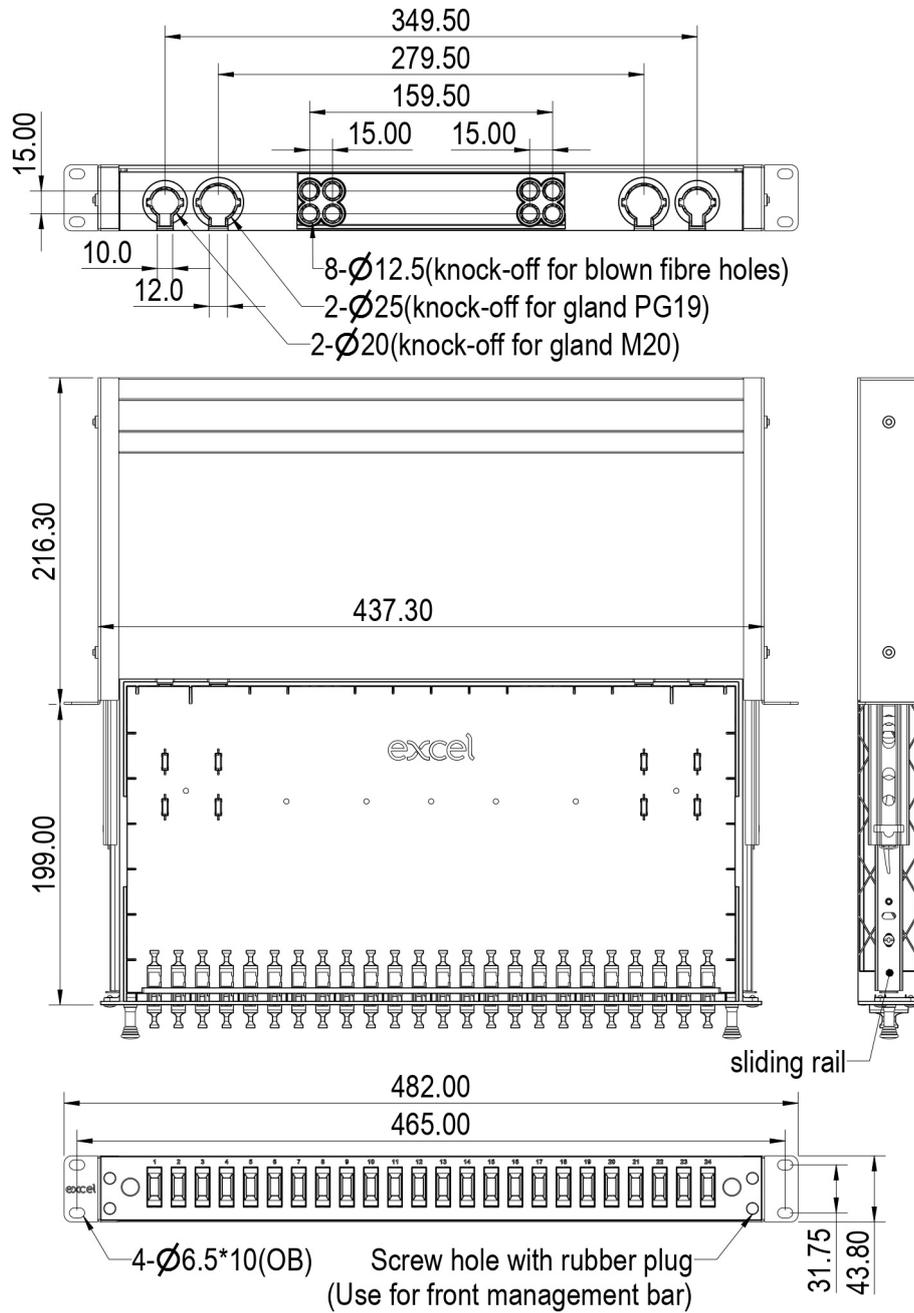
Accessories	Quantity
Cable Gland (PG 13.5)	1
Cable Gland( PG 19)	1
Nylon cable tie	7
Adjustable cable tie	4
24 Position splice holder	1 to 3 Dependant on fibre count
Label holder (210 x 9.2 mm)	2
Mounting twist tie	4
Cage nuts and screws	1 pack

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## Product drawing



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## 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 Number Table

Part Number	Description
200-401-PL	Excel Enbeam 24 Way Multimode Fibre Optic Panel 4 SC Duplex (8 Fibre) Beige
200-405-PL	Excel Enbeam 24 Way Multimode Fibre Optic Panel 6 SC Duplex (12 Fibre) Beige
200-406-PL	Excel Enbeam 24 Way Multimode Fibre Optic Panel 8 SC Duplex (16 Fibre) Beige
200-407-PL	Excel Enbeam 24 Way Multimode Fibre Optic Panel 12 SC Duplex (24 Fibre) Beige
200-408-PL	Excel Enbeam 24 Way Multimode Fibre Optic Panel 24 SC Duplex (48 Fibre) Beige
200-411-PL	Excel Enbeam 24 Way Singlemode Fibre Optic Panel 24 SC Duplex (48 Fibre) Blue
200-479-PL	Excel Enbeam 24 Way Singlemode Fibre Optic Panel 24 SC APC Duplex (48 Fibre) Green

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200-480-PL	Excel Enbeam 24 Way Singlemode Fibre Optic Panel 4 SC Duplex (8 Fibre) Blue
200-481-PL	Excel Enbeam 24 Way Singlemode Fibre Optic Panel 6 SC Duplex (12 Fibre) Blue
200-482-PL	Excel Enbeam 24 Way Singlemode Fibre Optic Panel 8 SC Duplex (16 Fibre) Blue
200-483-PL	Excel Enbeam 24 Way Singlemode Fibre Optic Panel 12 SC Duplex (24 Fibre) Blue
203-461-PL	Excel Enbeam 24 Way Multimode OM3 Fibre Optic Panel 4 SC Duplex (8 Fibre)
203-463-PL	Excel Enbeam 24 Way Multimode OM3 Fibre Optic Panel 6 SC Duplex (12 Fibre)
203-465-PL	Excel Enbeam 24 Way Multimode OM3 Fibre Optic Panel 8 SC Duplex (16 Fibre)
203-530-PL	Excel Enbeam 24 Way Multimode Fibre Optic Panel 12 SC Duplex (24 Fibre) Aqua
203-532-PL	Excel Enbeam 24 Way Multimode Fibre Optic Panel 24 SC Duplex (48 Fibre) Aqua
204-461-PL	Excel Enbeam 24 Way Multimode OM4 Fibre Optic Panel 4 SC Duplex (8 Fibre)
204-463-PL	Excel Enbeam 24 Way Multimode OM4 Fibre Optic Panel 6 SC Duplex (12 Fibre)
204-465-PL	Excel Enbeam 24 Way Multimode OM4 Fibre Optic Panel 8 SC Duplex (16 Fibre)
204-530-PL	Excel Enbeam 24 Way Multimode Fibre Optic Panel 12 SC Duplex (24 Fibre) Violet
204-532-PL	Excel Enbeam 24 Way Multimode Fibre Optic Panel 24 SC Duplex (48 Fibre) Violet

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

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E&OE. Excel is a registered trade name of Mayflex Holdings Ltd.