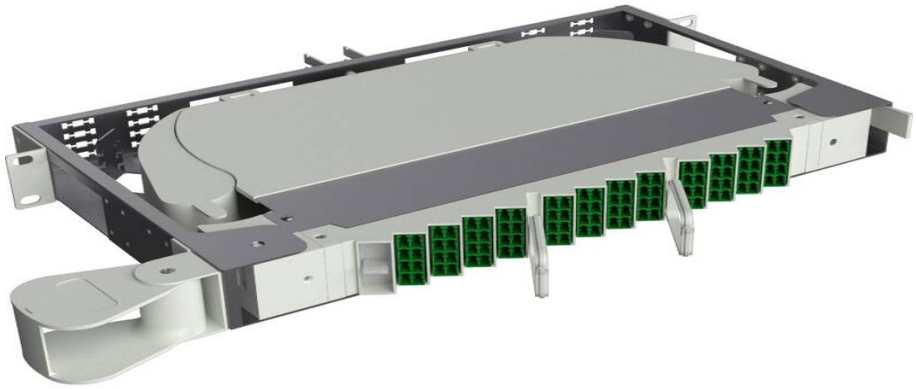
Encasa 96F 1U Pivot Panel with 96 LCA +96 Pigtails Right Hand Pivot

Part Code: 997-003

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



Product Overview

The Excel range of pivoting patch panels has been designed to fit within fiber optic access networks. These panels can be mounted within 19" 21" or 23" profiles within cabinets or street furniture, with options for left/right-hand pivot points.

Available in 1U, 2U, 3U, and 4U with options for a front hinged door on all sizes. This offers extra protection for exiting patch cords and increases the available areas for labeling.

The panels come standard with 48 adapter positions, allowing 96 fibers when using LC connectors and 48 fibers with SC simplex connectors per 1U.

The front adapter plate can also be changed to offer lower fiber counts upon request. Each panel is equipped with integrated fiber management to protect the fiber, with dedicated channels for the fiber to be routed to each splice tray, each splice tray holding 24 splices per tray. Furthermore, this panel can be adapted to house crimp style splice protectors.

The fiber management trays can also be replaced to house ribbon fiber or 1:8, 1:16, and 1:32 splitters.

Note: When using the LC style of pivot panel it is advised to use Uni-boot duplex or pull tab simplex patch cords.

Product Specifications

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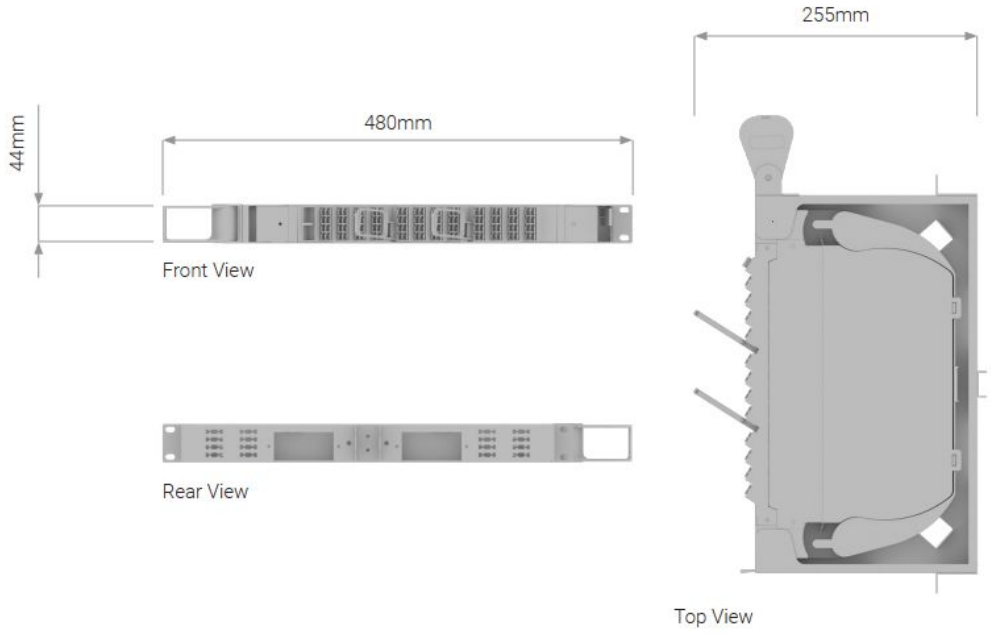
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Feature	Values
With pigtails	**yes**
Fibre type	**Single mode**
Fibre class	**OS2**
APC-type	**yes**
Type of connector external	**SC simplex/LC duplex**
Type of connector interior	**SC simplex/LC duplex**
Colour	**Grey**
RAL-number	**7035**
Mounting method	**482.6 mm (19 inch) mounting**
Number of rack units (RU)	**1**

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Product drawing



Additional specifications

Features	Values
Maximum number of fibres	**48 SC or 96 LC**
Maximum number of splices	**96**
Adaptor type	**SC simplex or LC duplex**
Maximum number of adaptor positions	**48**
IP rating	**No**
UV stable	**No**
Material	**ABS + PC and cold rolled steel**
UL-94-V0	**Yes**

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Colour (Other colours available subject to MOQ)	**Light grey (RAL 7035) or black (RAL 9005)**
Dimensions (mm)	**44 mm H x 480 mm W x 255 mm D**

Splitter Options

Features	Values
1:8 plc splitter	**Maximum of 6**
1:16 plc splitter	**Maximum of 6**
1:32 plc splitter	**Maximum of 3**

LC and SC APC Adaptor Specification

Features	Values
Insertion loss	**< 0.2 dB**
Durability (500 mating)	**< 0.2 dB max increase**
Operating temperature	**-40°C to 80°C**
Retention force	**200 - 600 g**
Alignment sleeve material	**Ceramic**
Flammability rated	**UL-94-V0**
Polish type	**APC**

Splitter Specification

Features	Values
	1x4 1x8 1x16
Operating wavelength	**1260 to 1650**
Fibre type	**G.657.A2**
Temperature stability (dB) at -40°C to 85°C	**≤ 0.4 ≤ 0.5 ≤ 0.5**
Storage temperature	**-40°C to 85°C**
Return loss	**≥ 55 dB**

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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
997-001	**Encasa 24F 1U Pivot Panel with 24 SCA +24 Pigtails Right Hand Pivot**
997-002	**Encasa 48F 1U Pivot Panel with 48 SCA +48 Pigtails Right Hand Pivot**
997-003	**Encasa 96F 1U Pivot Panel with 96 LCA +96 Pigtails Right Hand Pivot**

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