



✗ 1U 19" High Density ? 144 Fibre Capacity

✗ Variety of cassette options

✗ LC & MTP cassette options

✗ Pre-termination options

✗ Flexible patchlead and cable management

✗ 25 Year System Warranty Available

## Product Overview

The Excel Enbeam 1U 19" HD panel provides an expandable and innovative cassette based patching solution. Each panel has a maximum capacity of 12 cassettes, which are snapped into position quickly, easily and without tooling. Once in position the cassette can be moved back and forth via the sliding drawer mechanism. LC presentation cassettes contain 12 fibres, enabling up to 144 cores to be terminated/patched in 1U of rack space. A variety of cassettes are offered providing a highly flexible system and all cassettes can be mixed and matched as required.

Options include LC splice cassettes, LC-MTP cassettes and MTP pass-through panels (offering up to 576 fibres in 1U using standard 12 core Excelerator trunk cables). LC cassettes are offered with singlemode (blue), OM3 (aqua) or OM4 (violet) adaptors. The cassettes can be spliced or pre-terminated. The panel also offers full and innovative patchcord management to the front and cable management to the rear.

## Product Specifications

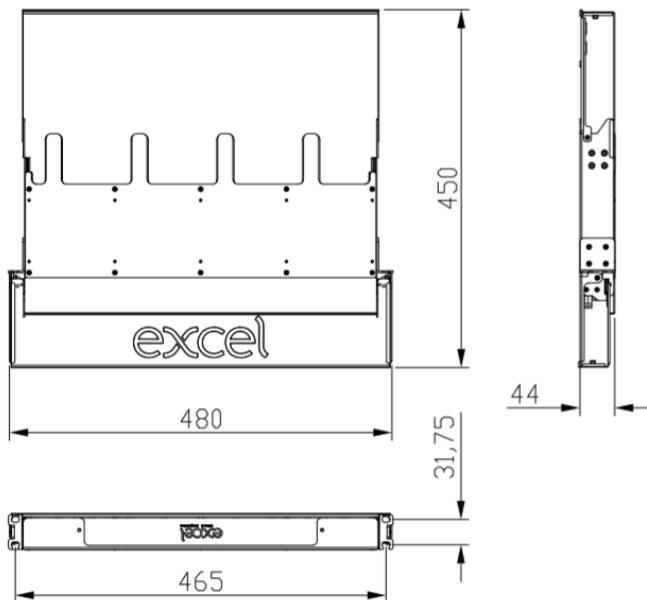
Feature	Values
Suitable for number of fibre cores	144
Suitable for number of module inserts	12
With front plate	yes
With housing	yes
With pigtailed	no
APC-type	no
Type of connector external	LC
Type of connector interior	LC

Colour	Black
RAL-number	9005
Mounting method	482.6 mm (19 inch) mounting
Number of rack units (RU)	1
Height	44 mm
Width	480 mm
Depth	450 mm

### Additional specifications

Features	Values
Number of cassette	12
IP rating	IP20
Material	Cold rolled steel
Material thickness	1.2mm
Material coating	Powder Coating
Operating temprature	-40 to +80 °C

## 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

Directive (EU) 2015/863 (RoHS III)	2015/863 (RoHS-III).
UK SI 2012 No. 3032	Amending Directive 2011/65/EU to add four phthalates (DEHP, BBP, DBP, DIBP) to Annex II — compliant.
WFD: 2023	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.
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
208-100	Excel Enbeam 1U 144C HD Cassette Fibre Optic Panel

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

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without compromise.