Excel Enbeam 1U 144C HD Cassette Fibre Optic Panel

Part Code: 208-100

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Main Features

- / 1U 19" High Density – 144 Fibre Capacity
- / LC & MTP cassette options
- / Flexible patchlead and cable management
- / Variety of cassette options
- / Pre-termination options
- / 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.

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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 pigtails	**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**

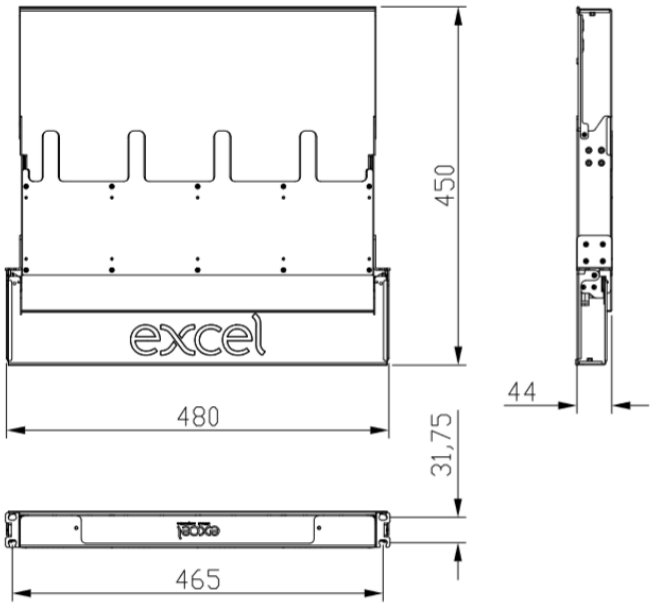
Additional specifications

Features	Values
Number of cassette	**12**
IP rating	**IP20**
Material	**Cold rolled steel**

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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

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	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).
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.

Part Code Table

Part Code	Description
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