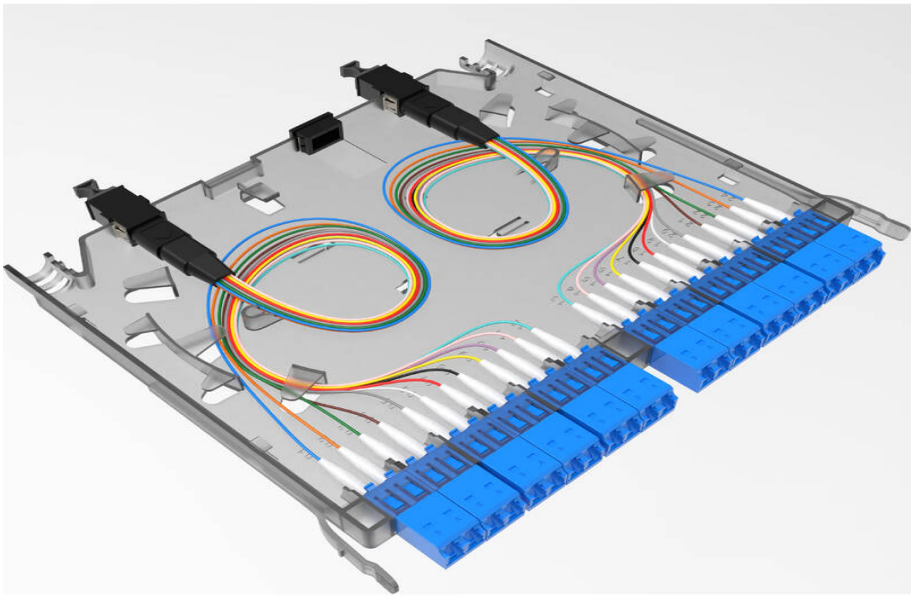
Excel Enbeam High Density Base 12-24 Fibre LC OS2 MTP Female Cassette

Part Code: 208-163

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Main Features

- / High density 24 LC to MTP cassette
- / 2x 12 Fibre MTP at rear
- / Part of the Excel HD panel system
- / MTP US-Conec Elite connectors
- / Standard pin configuration
- / OS2 and OM4 options

Product Overview

The Excel LC High-Density double width cassette is designed for the Excel HD 208-157-24, 208-158-24 and 208-159-24 panels, which have the capacity to hold 144 , 288 and 576 fibres. A full range of cassettes are offered holding 24 fibres per cassette and can be mixed and matched as required to offer a highly dense and flexible system for both LC and MTP connectivity.

Product Specifications

Feature	Values

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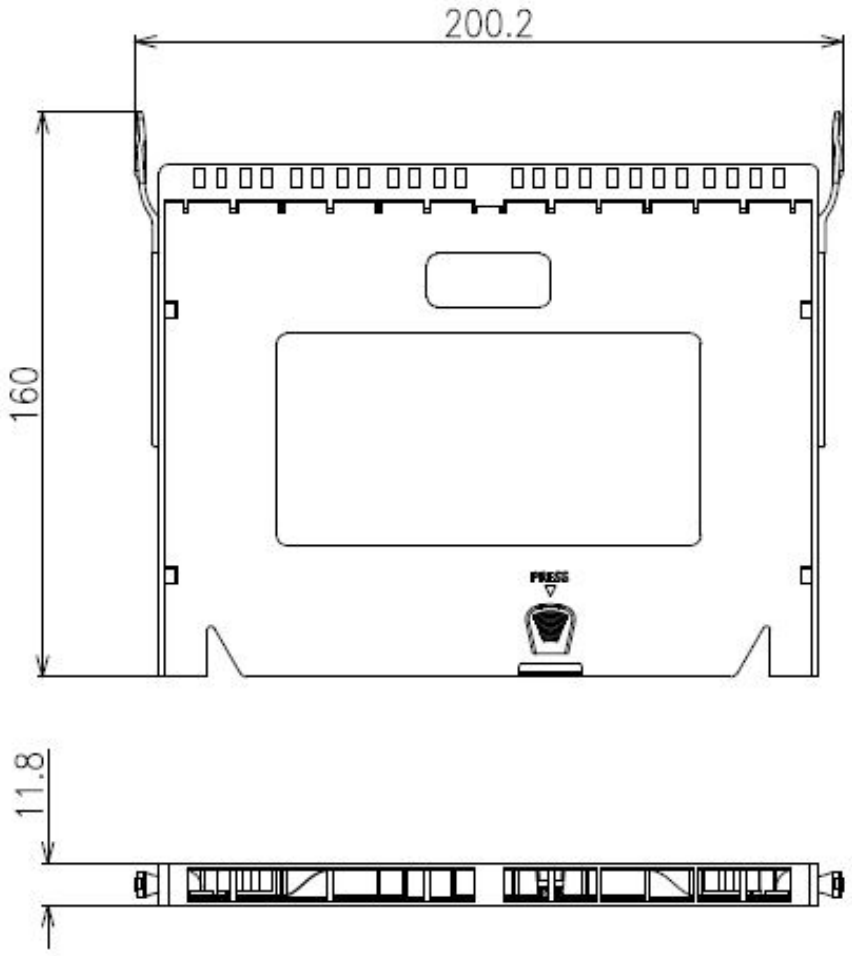
Suitable for number of fibre cores	**24**
With coupling/adapter	**yes**
Type of connector external	**LC**
Type of connector interior	**LC**
Fibre type	**Single mode**
Colour	**Opaque**

Additional specifications

Features	Values
Number of adaptors	**12**
Fibre type	**OS2**
SM MTP Typical/Max Loss	**0.1dB /0.35dB**
SM LC Typical/Max Loss	**0.15dB / 0.3dB**
SM MTP Return loss	**Less than -60dB (Angled)**
SM LC Return loss	**Less than -50dB (UPC)**
Width	**200.2mm**
Depth	**160mm**
Height	**11.8mm**
Material	**ABS**
Storage temprature	**-20 to +85°C**
Operating temprature	**-20 to +85°C**

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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
Directive 2011/65/EU (RoHS II)	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies

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	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
208-163	**Excel Enbeam High Density Base 12-24 Fibre LC OS2 MTP Female Cassette**
208-163-MOD1	**Excel Enbeam High Density Base 12-24 Fibre LC OS2 MTP Female Cassette**
208-163-MOD2	**Excel Enbeam High Density Base 12-24 Fibre LC OS2 MTP Female Cassette**

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