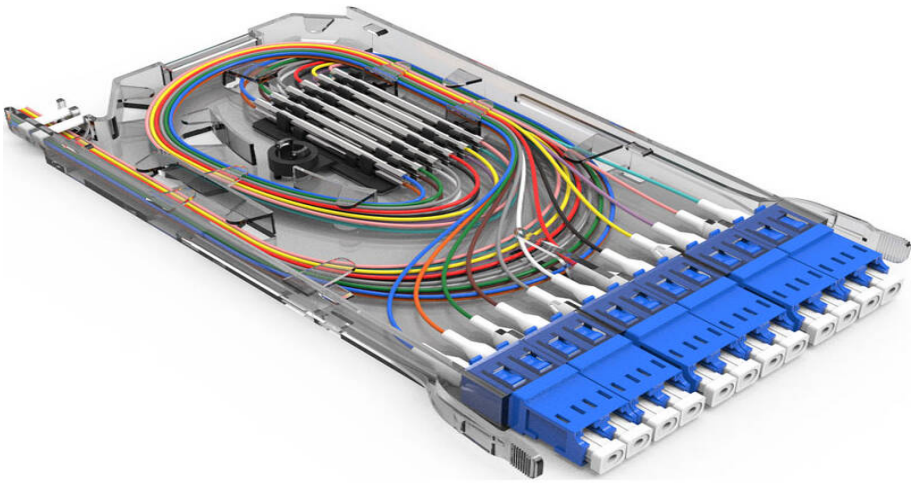
Excel Enbeam HD 6P-12F-LC-OS2 Cassette Loaded with Pigtails

Part Code: 208-166

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Main Features

- / High density 12 LC cassette
- / Can be splices or direct terminated
- / OS2 and OM4 options
- / Complete with splice protectors
- / Part of the Excel HD panel system

Product Overview

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

Product Specifications

Feature	Values

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Suitable for number of fibre cores	**12**
With coupling/adapter	**yes**
Type of connector external	**LC**
Type of connector interior	**LC**
Fibre type	**Single mode**
Colour	**Black**

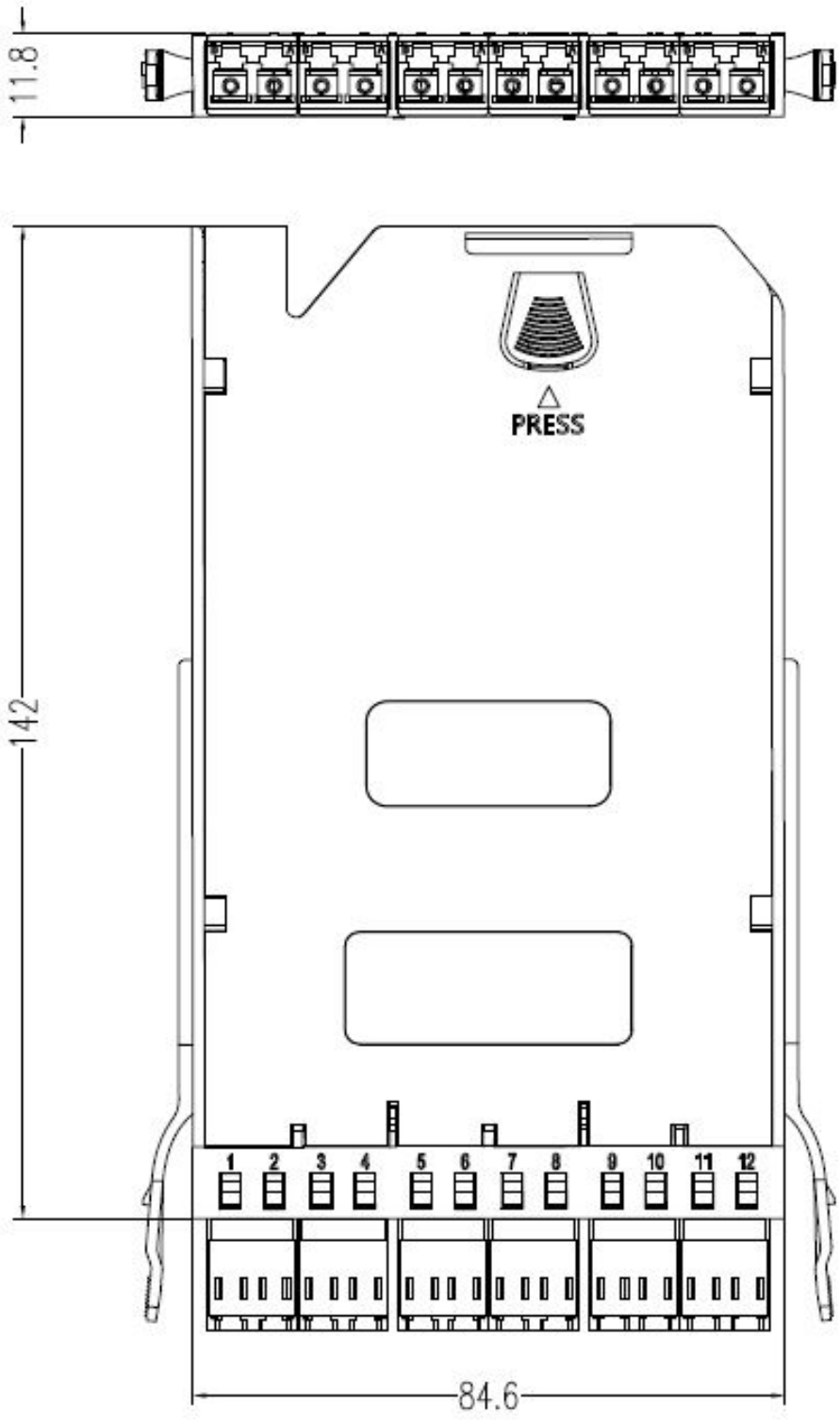
Additional specifications

Features	Values
Number of adaptors	**6**
Fibre type	**OS2**
SM LC Typical/Max Loss	**0.15dB / 0.3dB**
SM LC Return loss	**Less than -50dB (UPC)**
Width	**84.6mm**
Depth	**142mm**
Height	**11.8mm**
Material	**ABS**
Storage temprature	**-20 to +85°C**
Operating temprature	**-20 to +85°C**

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Product drawing

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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 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
208-166	**Excel Enbeam HD 6P-12F-LC-OS2 Cassette Loaded with Pigtails**

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