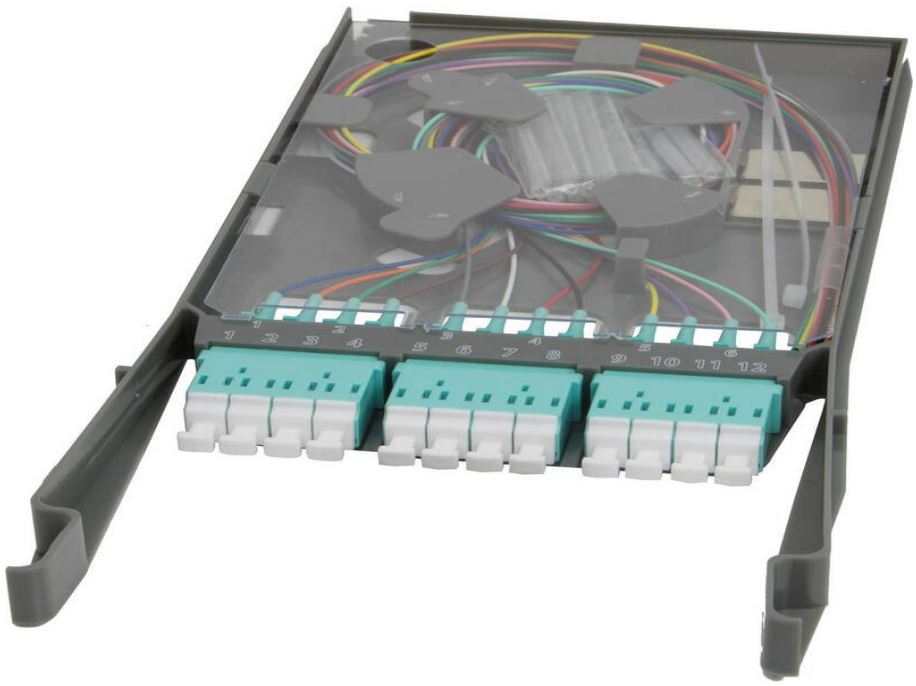
Excel Enbeam HD 6P-12F-LC-OM3 Cassette Loaded with Quad Adaptors & Pigtails

Part Code: 208-109

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



Main Features

- / High Density 12 fibre LC cassette
- / Can be spliced or direct terminated
- / OS2, OM3 and OM4 options
- / Complete with splice protectors
- / Pre-termination options
- / 25 Year System Warranty Available

Product Overview

The Excel LC High-Density cassette is designed for the Excel HD 1U panel, which has a capacity for 12 cassettes, offering up to 144 fibres per 1U. A range of cassettes are offered and can be mixed and matched as required to offer a highly dense and flexible system for both LC and MTP connectivity.

The LC cassettes can be spliced (12 magnetic splice protectors are included), direct terminated or pre-terminated offering a truly plug-n-play solution. The cassettes can be supplied with or without pigtails. See the part number table below for all options. The pigtails (if supplied) are 12-colours and loaded to TIA 598 colour standard.
The cassettes can be inserted into the panel from the front or the rear and feature 2 physical stops, one installed and one for patching.

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	**12**
With coupling/adapter	**yes**
Type of connector external	**LC**
Type of connector interior	**LC**
Fibre type	**Multi mode**
APC-type	**no**
Colour	**Grey**

Additional specifications

Features	Values
Operating Temprature	**-40 to +80 °C**
Capacity	**12 LC-Fibres per cassette**
Width	**108mm**
Height	**12.5mm**
Depth	**232mm**
Material Coating	**ABS UL94-V0**
Colour	**Grey**

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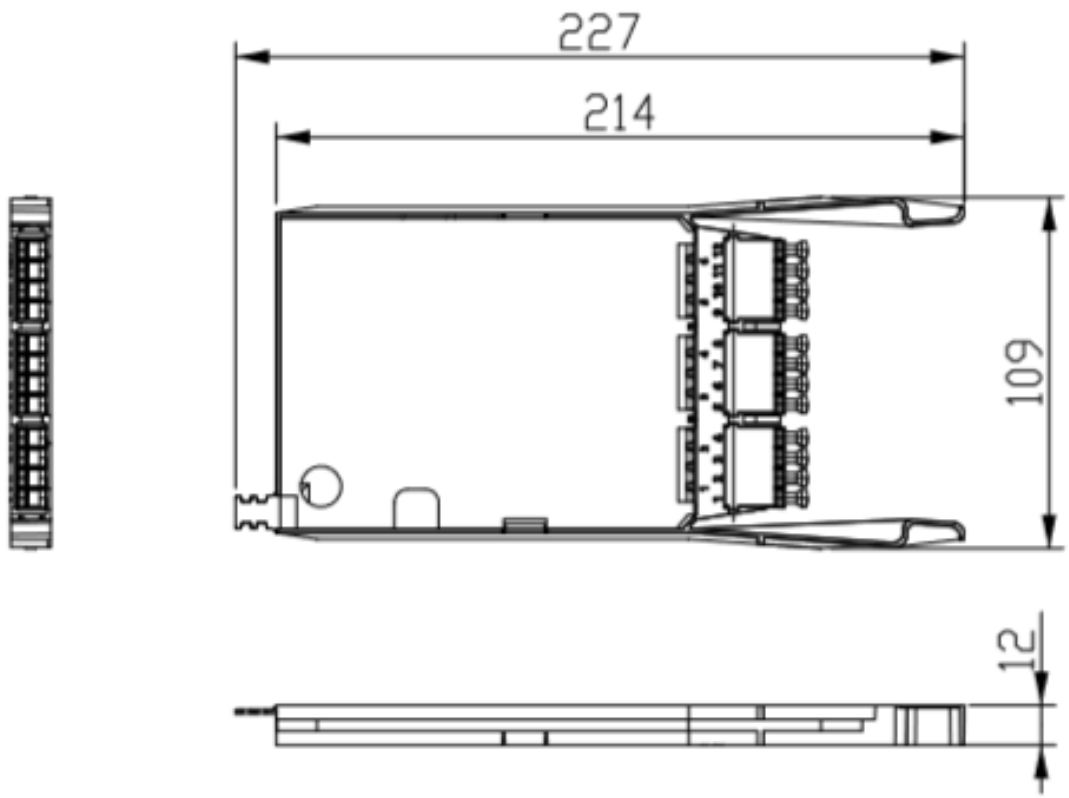
Product drawing



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.
IEC 61754-1:2013	Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 1: General and guidance
Directive 2008/98/EC (WFD)	Waste Framework Directive — compliant. Implemented in

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	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
208-105	**Excel Enbeam HD 6P-12F-LC-OS2 Cassette Loaded with Quad LC Adaptors**
208-106	**Excel Enbeam HD 6P-12F-LC-OM3 Cassette Loaded with Quad LC Adaptors**
208-107	**Excel Enbeam HD 6P-12F-LC-OM4 Cassette Loaded with Quad LC Adaptors**
208-108	**Excel Enbeam HD 6P-12F-LC-OS2 Cassette Loaded with Quad Adaptors & Pigtails**
208-109	**Excel Enbeam HD 6P-12F-LC-OM3 Cassette Loaded with Quad Adaptors & Pigtails**
208-110	**Excel Enbeam HD 6P-12F-LC-OM4 Cassette Loaded with Quad Adaptors & Pigtails**

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