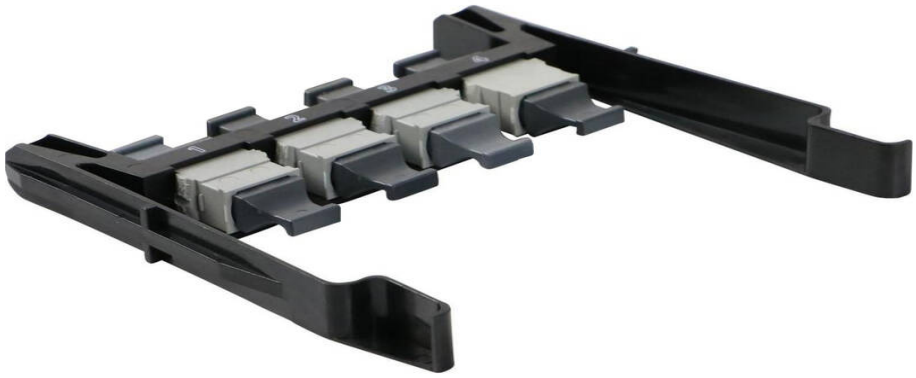
Excel Enbeam HD 4P MTP Coupler Cassette Key Up/Key Down Singlemode

Part Code: 208-116

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Main Features

- / High Density 4-port MTP Coupler Module
- / Houses 4 MTP Couplers
- / Key-Aligned and Key-Up/Key-Down Adaptor options
- / Density up to 576 fibres in 1U when fully loaded
- / Up to 1152 fibres in 1U with 24-fibre MTP's
- / Part of the Excel HD panel system

Product Overview

The Excel LC-MTP High-Density 4-Port through-coupler module is designed for the Excel HD 1U panel, which has a capacity for 12 modules, offering up to 576 fibres per 1U (12-way MTP) or 1152 fibres per 1U (24-way MTP).
The MTP Modules can be mixed and matched with other cassettes within the range to offer a highly flexible patching solution.

Two versions are available – The Multimode version features Aligned-Key adaptors, whilst the Singlemode version supports angled MTP and offers Key-Up/Key-Down Adaptors.

The Modules 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 patch cord management to the front and cable management to the rear.

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Product Specifications

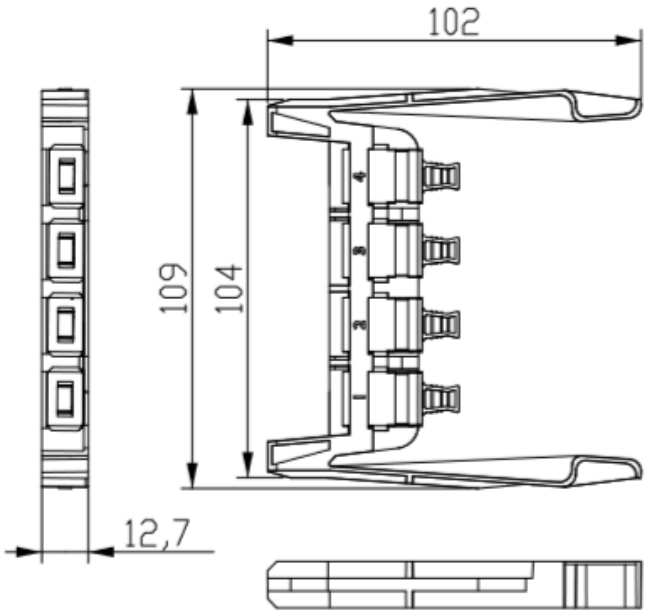
Feature	Values
Suitable for number of fibre cores	**48/96**
With coupling/adapter	**yes**
Type of connector external	**MT/MPO**
Type of connector interior	**MT/MPO**
Fibre type	**Single mode**
APC-type	**no**
Colour	**Grey**

Additional specifications

Features	Values
Number of MTP	**4**
Width	**109mm**
Height	**12.7mm**
Depth	**102mm**
Material	**ABS UL94-V0**
Colour	**Grey**
Operating temprature	**-40 to +80 °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
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

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	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
208-114	**Excel Enbeam HD 4P MTP Coupler Cassette Aligned Key Multimode**
208-116	**Excel Enbeam HD 4P MTP Coupler Cassette Key Up/Key Down Singlemode**

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