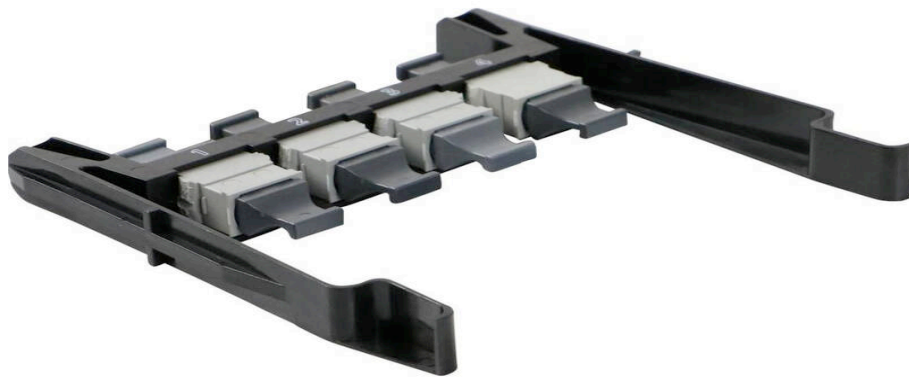


Excel Enbeam HD 4P MTP Coupler Cassette Key Up/Key Down Singlemode

Part Code: 208-116

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Main Features

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

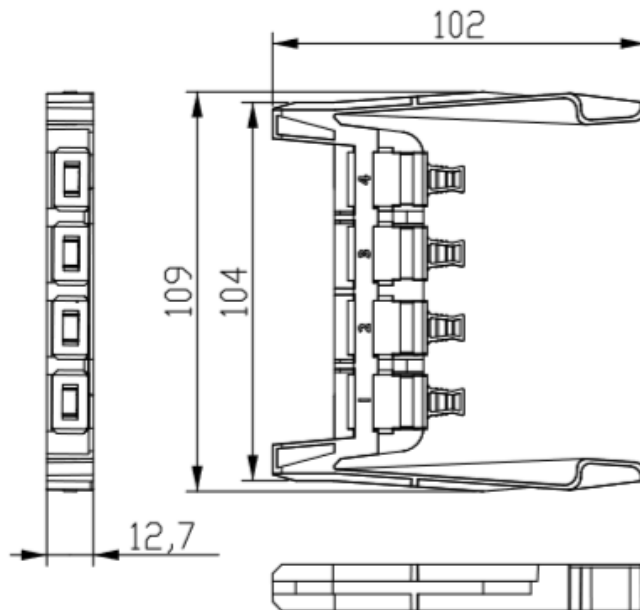
| Features | Values |
|----------------------|----------------------|
| Number of MTP | 4 |
| Width | 109mm |
| Height | 12.7mm |
| Depth | 102mm |
| Material | ABS UL94-V0 |
| Colour | Grey |
| Operating temprature | -40 to +80 °C |

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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 |