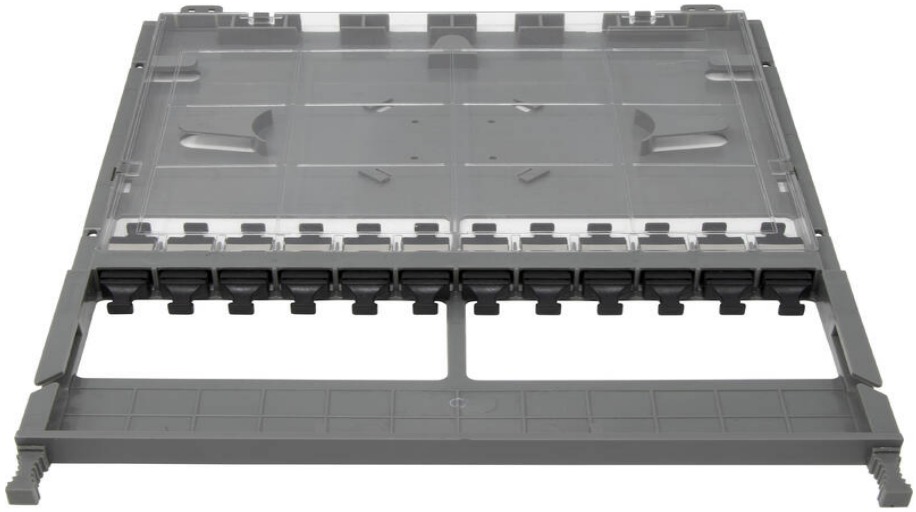
# Excel Enbeam High Density 12 Port MTP Coupler Cassette Key Up/Key Down Singlemode

**Part Code: 208-138**

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## Main Features

/ High Density 12-port MTP Coupler Module
/ Houses 12 MTP Couplers
/ Key-Aligned and Key-Up/Key-Down Adaptor options
/ Density up to 864 fibres in 1U when fully loaded
/ Up to 1728 fibres in 1U with 24-fibre MTPs
/ Part of the Excel HD panel system

## Product Overview

The Excel LC-MTP High-Density 12-Port through-coupler module is designed for the Excel HD 1U panel, which has a capacity for 6 modules, offering up to 864 fibres per 1U (12-way MTP) or 1728 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 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 | **144** |
| With coupling/adapter | **yes** |
| Type of connector external | **MT/MPO** |
| Type of connector interior | **MT/MPO** |
| Fibre type | **Single mode** |
| Colour | **Grey** |

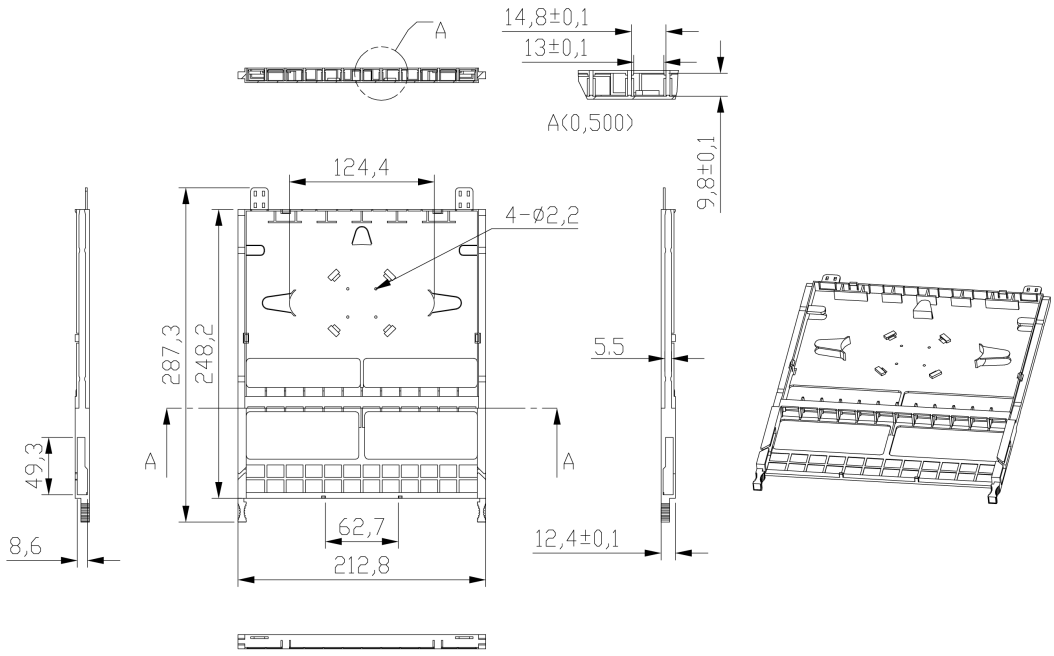
## Additional specifications

| Features | Values |
|---|---|
| Number of MTP | **12** |
| Width | **212.8mm** |
| Height | **12.4mm** |
| Depth | **287.3mm** |
| 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 |


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| | |
|---|---|
| | 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). |
| 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 |
|---|---|
| 208-137 | **Excel Enbeam High Density 12 Port MTP Coupler Cassette Aligned Key Multimode** |
| 208-138 | **Excel Enbeam High Density 12 Port MTP Coupler Cassette Key Up/Key Down Singlemode** |


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