

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

Item Code: 208-138



- ✕ 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.

Product Specifications

| Feature | Values |
|------------------------------------|-------------|
| Suitable for number of fibre cores | 144 |
| With coupling/adaptor | yes |
| Type of connector external | MT/MPO |
| Type of connector interior | MT/MPO |
| Fibre type | Single mode |
| Colour | Grey |

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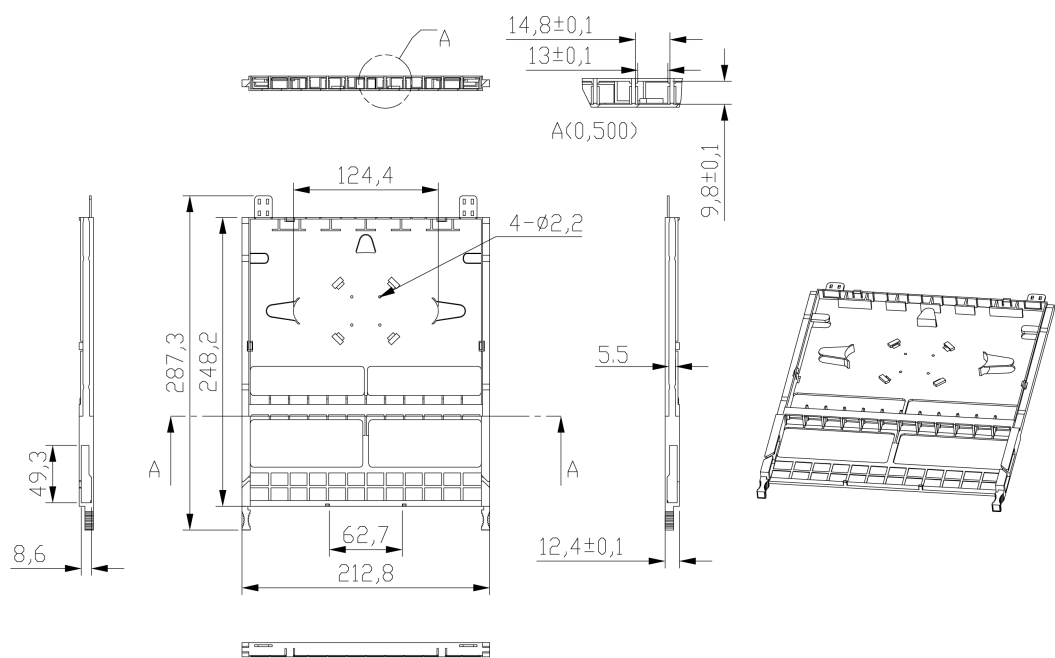
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Additional specifications

| Features | Values |
|-----------------------|---------------|
| Number of MTP | 12 |
| Width | 212.8mm |
| Height | 12.4mm |
| Depth | 287.3mm |
| Material | ABS UL94-V0 |
| Colour | Grey |
| Operating temperature | -40 to +80 °C |

Product drawing



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Standards

| Applicable standard | Detail |
|--|---|
| RoHS-II/-III (2011/65/EU & 2015/863): 2023 | Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III). |
| 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 |
| WFD: 2023 | Compliant to Waste Framework Directive |
| SCIP: 2023 | Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products) |
| POPs (EU) No 2019/1021 | EU Regulation for the restriction of Persistent Organic Pollutants. |

Part Number Table

| Part Number | 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 |

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

Contact us at sales@excel-networking.com



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