

☒ High Density 24 LC to MTP cassette

☒ MTP US-Conec Elite connectors

☒ 2 X 12 Fibre MTP at rear

☒ Standard, MOD1 and MOD2 versions

☒ Part of the Excel HD panel system

☒ OS2, OM3 and OM4 options

## Product Overview

The Excel LC-MTP High-Density cassette is designed for the Excel HD 1U panel, which has a capacity for 6 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 MTP cassettes come complete with LC Adaptors at the front and MTP couplers at the rear, with an MTP-LC fan-out fibre assembly installed & factory tested. The cassettes are available in OS2, OM3 and OM4, configured standard or MOD 1 or MOD2. See the part number table below for all options.

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.

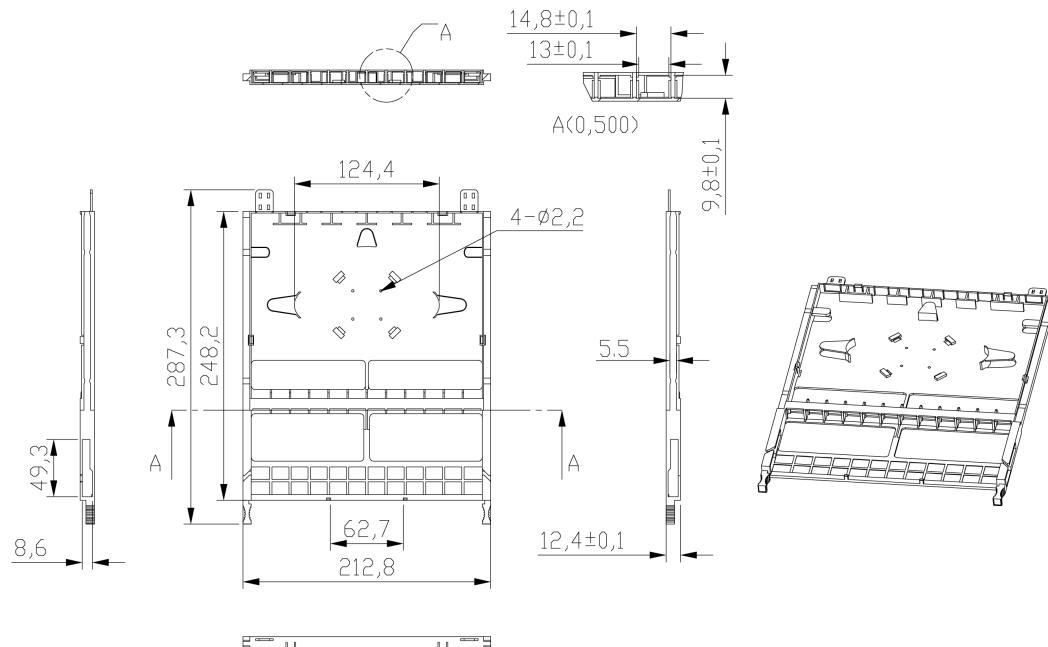
## Product Specifications

Feature	Values
Suitable for number of fibre cores	24
With coupling/adapter	yes
Type of connector external	LC
Type of connector interior	MTP
Fibre type	Multi mode
Colour	Grey

### Additional specifications

Features	Values
Operating temperature	-40 to +80 °C
Capacity	24 LC fibres per cassette
Width	212.8 mm
Height	12.4 mm
Depth	287.3 mm
Material coating	ABS UL94-V0
Colour	Grey
MM MTP typical/max Loss	0.1 dB /0.35 dB
SM MTP typical/max Loss	0.1 dB /0.35 dB
MM LC typical/max Loss	0.15dB /0.3 dB
SM LC typical/max Loss	0.15dB /0.3 dB
MM MTP return loss	< -20 dB
SM MTP return loss	< -60 dB (Angled)
MM LC return loss	< -30 dB (PC)
SM LC return loss	< -50 dB (UPC)

### Product drawing



### 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
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
208-128	Excel Enbeam High Density 12 Port 24 Fibre OS2 LC-MTP Cassette Loaded (Standard)
208-128-MOD1	Excel Enbeam High Density 12 Port 24 Fibre OS2 LC-MTP Cassette Loaded (MOD 1)
208-128-MOD2	Excel Enbeam High Density 12 Port 24 Fibre OS2 LC-MTP Cassette Loaded (MOD 2)
208-131	Excel Enbeam High Density 12 Port 24 Fibre OM3 LC-MTP Cassette Loaded (Standard)
208-131-MOD1	Excel Enbeam High Density 12 Port 24 Fibre OM3 LC-MTP Cassette Loaded (MOD 1)
208-131-MOD2	Excel Enbeam High Density 12 Port 24 Fibre OM3 LC-MTP Cassette Loaded (MOD 2)
208-134	Excel Enbeam High Density 12 Port 24 Fibre OM4 LC-MTP Cassette Loaded (Standard)
208-134-MOD1	Excel Enbeam High Density 12 Port 24 Fibre OM4 LC-MTP Cassette Loaded (MOD 1)
208-134-MOD2	Excel Enbeam High Density 12 Port 24 Fibre OM4 LC-MTP Cassette Loaded (MOD 2)

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

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without compromise.