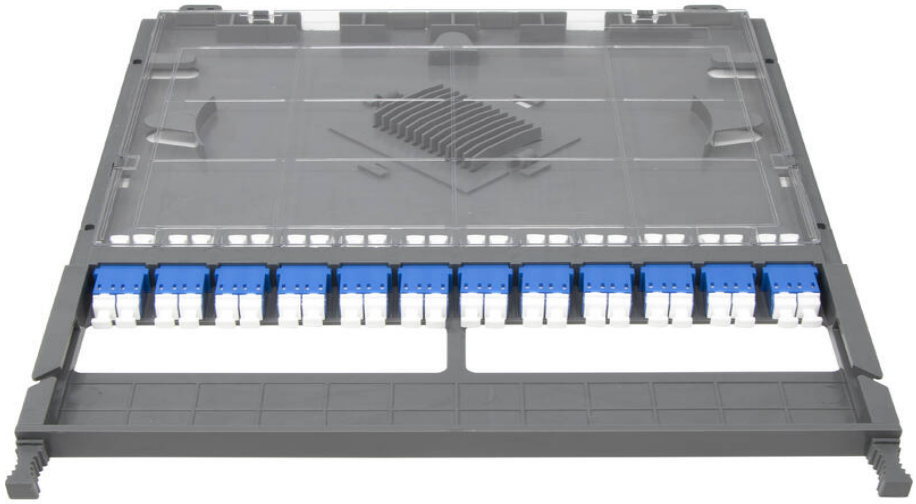
# Excel Enbeam High Density 12 Port 24 Fibre LC OS2 Cassette Loaded with Duplex Adaptors

**Part Code: 208-121**

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## Main Features

- / High Density 24 fibre LC cassette
- / Can be spliced or direct terminated
- / OS2, OM3 and OM4 options
- / Complete with splice protectors
- / Pre-termination options
- / 25 Year System Warranty Available

## Product Overview

The Excel LC 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 cassettes can be spliced, direct terminated or pre-terminated offering a truly plug-n-play solution. The cassettes can be supplied with or without pigtails. See the part number table below for all options. The pigtails (if supplied) are 2 x 12-colours and loaded to TIA 598 colour standard.

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.


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The panel also offers full and innovative patch cord management to the front and cable management to the rear.

## Product Specifications

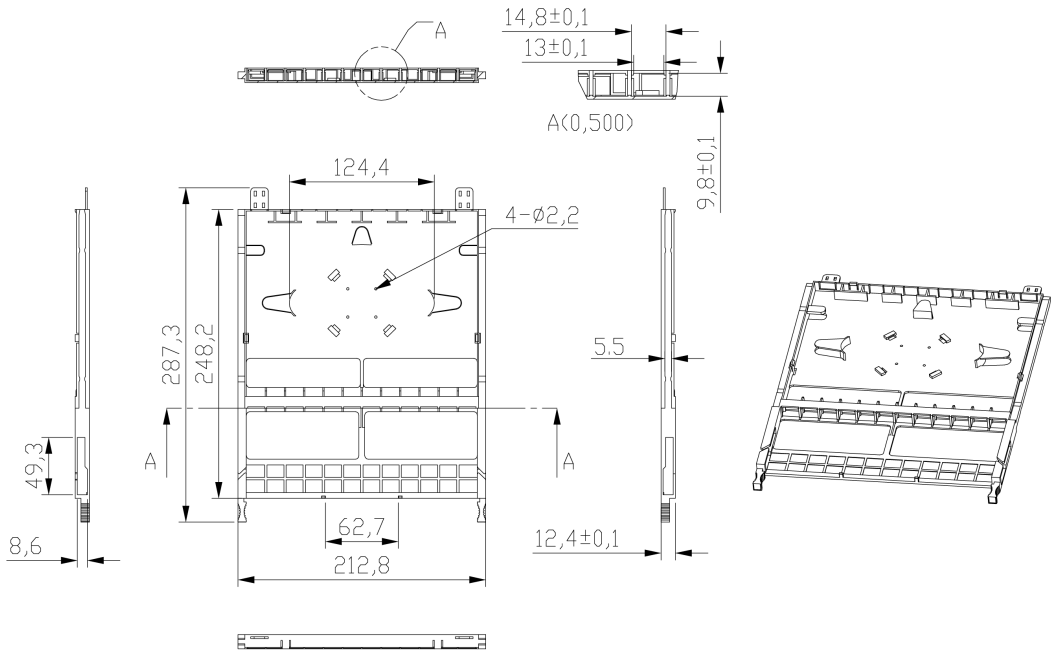
| Feature | Values |
|---|---|
| Suitable for number of fibre cores | **42** |
| With coupling/adapter | **yes** |
| Type of connector external | **LC** |
| Type of connector interior | **LC** |
| Fibre type | **Single mode** |
| Colour | **Grey** |

## Additional specifications

| Features | Values |
|---|---|
| Operating Temprature | **-40 to +80 °C** |
| Capacity | **24 LC-Fibres per cassette** |
| Width | **212.8mm** |
| Height | **12.4mm** |
| Depth | **287.3mm** |
| Material Coating | **ABS UL94-V0** |
| Colour | **Grey** |


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## Product drawing




## Standards

| Applicable standard | Detail |
|---|---|
| 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. |
| IEC 61754-1:2013 | Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 1: General and guidance |
| 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). |


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| | |
|---|---|
| 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 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). |
| 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 |
|---|---|
| 208-121 | **Excel Enbeam High Density 12 Port 24 Fibre LC OS2 Cassette Loaded with Duplex Adaptors** |
| 208-122 | **Excel Enbeam High Density 12 Port 24 Fibre LC OM3 Cassette Loaded with Duplex Adaptors** |
| 208-123 | **Excel Enbeam High Density 12 Port 24 Fibre LC OM4 Cassette Loaded with Duplex Adaptors** |
| 208-124 | **Excel Enbeam High Density 12 Port 24 Fibre LC OS2 Cassette Loaded with Duplex Adaptors & Pigtails** |
| 208-125 | **Excel Enbeam High Density 12 Port 24 Fibre LC OM3 Cassette Loaded with Duplex Adaptors & Pigtails** |
| 208-126 | **Excel Enbeam High Density 12 Port 24 Fibre LC OM4 Cassette Loaded with Duplex Adaptors & Pigtails** |


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