# Excel Enbeam High Density Base 8-24 Fibre LC OS2 MTP Female Cassette

**Part Code: 208-191**

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## Main Features

- / High density 24 LC to MTP cassette
- / 3x 8 Fibre MTP at rear
- / Part of the Excel HD panel system
- / MTP US-Conec Elite connectors
- / Standard pin configuration
- / OS2 and OM4 options

## Product Overview

The Excel LC High-Density double width cassette is designed for the Excel HD 208-157-24, 208-158-24 and 208-159-24 panels, which have the capacity to hold 144 , 288 and 576 fibres. A full range of cassettes are offered holding 24 fibres per cassette and can be mixed and matched as required to offer a highly dense and flexible system for both LC and MTP connectivity.

## Product Specifications

| Feature | Values |
|---|---|


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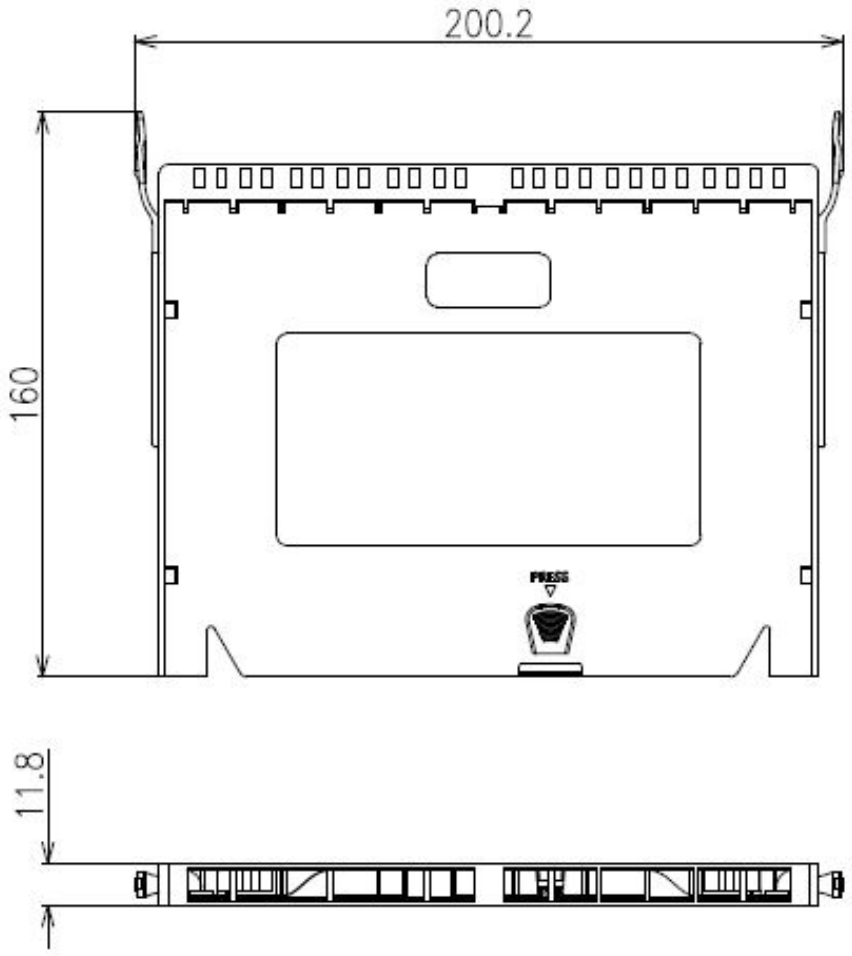
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|---|---|
| Suitable for number of fibre cores | **24** |
| With coupling/adapter | **yes** |
| Type of connector external | **LC** |
| Type of connector interior | **LC** |
| Fibre type | **Single mode** |
| Colour | **Opaque** |

## Additional specifications

| Features | Values |
|---|---|
| Number of adaptors | **12** |
| Fibre type | **OS2** |
| SM MTP Typical/Max Loss | **0.1dB /0.35dB** |
| SM LC Typical/Max Loss | **0.15dB / 0.3dB** |
| SM MTP Return loss | **Less than -60dB (Angled)** |
| SM LC Return loss | **Less than -50dB (UPC)** |
| Width | **200.2mm** |
| Depth | **160mm** |
| Height | **11.8mm** |
| Material | **ABS** |
| Storage temprature | **-20 to +85°C** |
| Operating temprature | **-20 to +85°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 |
| Directive 2011/65/EU (RoHS II) | Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment — compliant. Applies |


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| | 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. |
| 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 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 |
|---|---|
| 208-191 | **Excel Enbeam High Density Base 8-24 Fibre LC OS2 MTP Female Cassette** |
| 208-191-MOD1 | **Excel Enbeam High Density Base 8-24 Fibre LC OS2 MTP Female Cassette** |
| 208-191-MOD2 | **Excel Enbeam High Density Base 8-24 Fibre LC OS2 MTP Female Cassette** |


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