

# Excel Enbeam High Density 12 Port 24 Fibre OS2 LC-MTP (APC) Fibre Cassette

Item Code: 208-016-APC

**excel**  
without compromise.



✕ LC to MTP Factory terminated and tested

✕ Available in 6 and 12 Duplex LC (12 and 24 core)

✕ Fits both 4-way angled and 5-way straight 1U patch panels

✕ Choice of fibre grades

✕ US Conec MTP Elite Connectors

✕ 25 Year system warranty

✕ CIBSE TM65 Embodied Carbon: 1.786 kg CO2e

## Product Overview

The Excelerator High Density 6 Duplex LC Fibre Optic MTP Cassette mounts directly into the Enbeam Fibre Optic Cassette Patch Panel for mounting into a 19" cabinet. This range of products have been designed and manufactured to support both the preterminated and the emerging 40/100 Gigabit Ethernet fibre optic installations. The cassettes are terminated with the superior quality US Conec Elite MTP connector. The 6 Duplex Port cassette has one MTP Elite connector on the rear.

These cassette patch panels allow for the ability to expand the installation in the future with very low risk to the installed network. These patch panels also allows different categories of fibre optics to be presented together in the same cabinet 'U' space.

## Product Specifications

Feature	Values
Suitable for number of fibre cores	24
With coupling/adaptor	yes
Type of connector external	LC-Duplex
Type of connector interior	MT/MPO
Fibre type	Single mode
APC-type	yes

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Colour

Black

## Additional specifications

Features	Values
Width	76mm
Height	38mm
Depth	97.5mm
IP rating	IP20
Material Thickness	1.2mm
Material	cold rolled steel
Operating temprature	-40 to +80 °C

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## Product drawings



## 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 of Very High Concern) as defined under REACH Article 33(1). Submission obligations met under EU REACH and UK REACH.

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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).
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).
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.
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
208-011	Excel Enbeam High Density 6 Port 12 Fibre LC-MTP OM3 Fibre Cassette
208-011-MOD1	Excel Enbeam High Density OM3 MTP Fibre Cassette 6 Duplex LC (12 Core)
208-011-MOD2	Excel Enbeam High Density 6 Port 12 Fibre LC-MTP OM3 Fibre Cassette (MOD2)
208-012	Excel Enbeam High Density 12 Port 24 Fibre OM3 LC-MTP Fibre Cassette
208-012-MOD1	Excel Enbeam High Density 12 Port 24 Fibre OM3 LC-MTP Fibre Cassette (MOD1)
208-012-MOD2	Excel Enbeam High Density 12 Port 24 Fibre OM3 LC-MTP Fibre Cassette (MOD2)
208-013	Excel Enbeam High Density 6 Port 12 Fibre LC-MTP OM4 Fibre Cassette
208-013-MOD1	Excel Enbeam High Density 6 Port 12 Fibre LC-MTP OM4 Fibre Cassette (MOD1)
208-013-MOD2	Excel Enbeam High Density OM4 MTP Fibre Cassette 6 Duplex LC (12 Core)
208-014	Excel Enbeam High Density 12 Port 24 Fibre OM4 LC-MTP Fibre Cassette
208-014-MOD1	Excel Enbeam High Density 12 Port 24 Fibre OM4 LC-MTP Fibre Cassette (MOD1)

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208-014-MOD2	Excel Enbeam High Density 12 Port 24 Fibre OM4 LC-MTP Fibre Cassette (MOD2)
208-015-APC	Excel Enbeam High Density 6 Port 12 Fibre LC-MTP (APC) OS2 Fibre Cassette
208-015-APC-MOD1	Excel Enbeam High Density 6 Port 12 Fibre LC-MTP (APC) OS2 Fibre Cassette (MOD1)
208-015-APC-MOD2	Excel Enbeam High Density OS2 (APC) MTP Fibre Cassette 6 Duplex LC (12 Core)
208-016-APC	Excel Enbeam High Density 12 Port 24 Fibre OS2 LC-MTP (APC) Fibre Cassette
208-016-APC-MOD1	Excel Enbeam High Density 12 Port 24 Fibre OS2 LC-MTP (APC) Fibre Cassette (MOD1)
208-016-APC-MOD2	Excel Enbeam High Density OS2 (APC) MTP Fibre Cassette 12 Duplex LC (24 Core)

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

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