

EDGE8® MTP® to LC Duplex Module 8F, 50 µm multimode (OM4)

CORNING

Part Number:
ECM8-UM08-05-E6Q-ULL

EDGE8® modules provide an interface between 8-fibre MTP®/MPO connectors and LC duplex connectors. Ultra-low-loss connectivity enables design flexibility to permit multiple potential connections within the system (e.g., 6-module link). These modules break out 8-fiber MTP terminations from the rear into 4x LC duplex connectivity at the front. The VFL-compatible shuttered adapters provide reliable dust protection without the need for dust caps and allow for easy fiber identification. All EDGE8 modules are manufactured with Corning® CleanAdvantage™ technology and an optimized MTP dust cap, eliminating the need for cleaning before initial field connection.

Features and Benefits

VFL-compatible shuttered LC adapters

Creates one-hand operation and decreases time needed to test and troubleshoot a link

Rear-loading capability

Decreases the time to prepare and install modules into fibre housings

High density

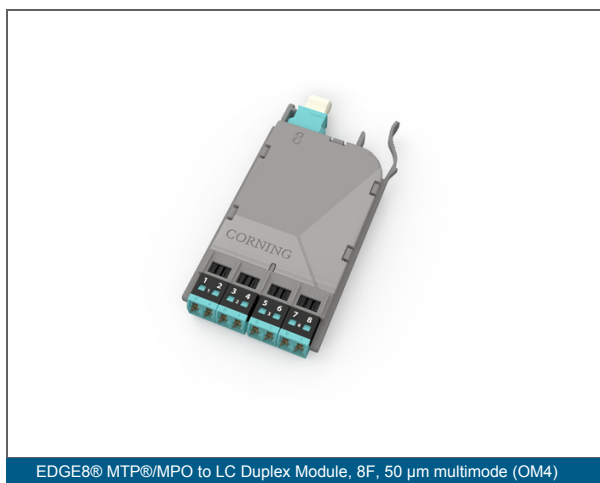
Module enables 576 fibres in a 4U housing and 144 fibres in a 1U

Low insertion loss performance

Improved performance specs allow for more mated pairs and/or longer link distances

Corning® CleanAdvantage™ technology and optimised dust cap

Eliminates the need for scoping and cleaning prior to initial field connection



EDGE8® MTP® to LC Duplex Module 8F, 50 µm multimode (OM4)

CORNING

Specifications

General Specifications

Product type	Panels and Modules
Fibre category	50 µm MM (OM4)
Mounting Type	Rack-mount
Application	Data Centre

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
------	---

Design

Fibre count	8
Adapter type back	MTP®/MPO
Adapter colour back	Turquoise
Adapter colour front	Turquoise
Adapter type front	Shuttered LC duplex
Housing type	Panels and Modules
Colour	Grey
Panel or module type	EDGE8
Number of adapters per panel	4

Cable Design

Polarity	Universal
----------	-----------

Design - Adapter

Adapter type	SC
--------------	----

EDGE8® MTP® to LC Duplex Module 8F, 50 µm multimode (OM4)

CORNING

Optical Specification - Hardware

Module Insertion Loss, Max	0.35 dB
Wavelengths	850 nm / 1300 nm
Fibre category	50 µm MM (OM4)

Specifications - Connector A

Connector type	MTP®/MPO (non-pinned)
Ferrule material	Composite

Specifications - Connector B

Connector type	LC Uniboot
Ferrule material	Ceramic

Dimensions

Weight	19 kg
--------	-------

Ordering Information

Product Number	ECM8-UM08-05-E6Q-ULL
Package contents	Modules packaged in individual blister packs
Units per delivery	1/1



Corning Optical Communications GmbH & Co. KG • Leipziger Strasse 121 • 10117 Berlin, Germany
00 800 2676 4641 • FAX: • www.corning.com/opcomm/emea

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/emea/trademarks. Corning Optical Communications is ISO 9001 and ISO 14001 certified. © 2026 Corning Optical Communications. All rights reserved.