

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 fiber housings

High density

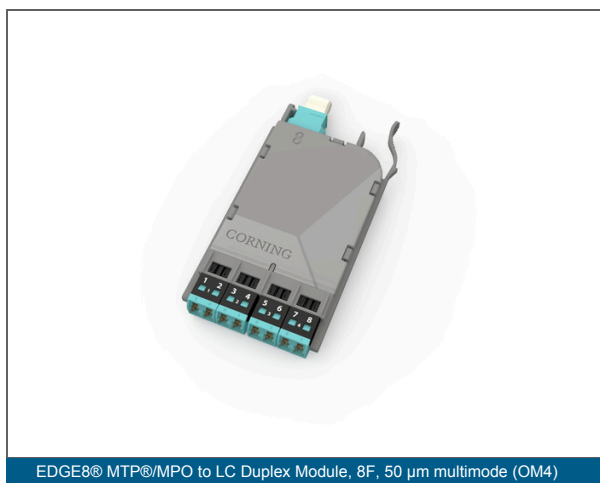
Module enables 576 fibers in a 4U housing and 144 fibers in a 1U

Low insertion loss performance

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

Corning® CleanAdvantage™ technology and optimized dust cap

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



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Specifications

General Specifications	
Product Type	Panels and Modules
Fiber Category	50 µm MM (OM4)
Mounting Type	Rack-mount
Application	Data Center

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

Design	
Fiber Count	8
Adapter Type Back	MTP®/MPO
Adapter Color Back	Aqua
Adapter Color Front	Aqua
Adapter Type Front	Shuttered LC Duplex
Housing Type	Panels and Modules
Color	Gray
Panel or Module Type	EDGE8
Number of Adapters per Panel	4

Cable Design	
Polarity	Universal

Design - Adapter	
Adapter Type	SC

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Optical Specification - Hardware

Module Insertion Loss, Max	0.35 dB
Wavelengths	850 nm / 1300 nm
Fiber 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
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Ordering Information

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



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