

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

CORNING

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

EDGE8® modules provide an interface between 8-fiber 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)
Application	Data Center

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

Design	
Fiber Count	8
Adapter Type Back	MTP®
Adapter Color Back	Violet
Adapter Color Front	Violet
Adapter Type Front	Shuttered LC
Housing Type	EDGE
Color	Gray
Panel or Module Type	EDGE8
Number of Adapters per Panel	4

Cable Design	
Polarity	TIA-568 Type-B

Design - Adapter	
Adapter Type	LC

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Optical Specification - Hardware

Module Insertion Loss, Max	0.35 dB
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Specifications - Connector A

Connector Type	MTP® (non-pinned)
Polish	PC
Ferrule Material	Composite
Insertion Loss, Max.	≤ 0.25 dB

Specifications - Connector B

Connector Type	LC Uniboot
Ferrule Material	Ceramic
Insertion Loss, Max.	≤ 0.10 dB

Dimensions

Width	60 mm (2.36 in)
Depth	124 mm (4.88 in)

Ordering Information

Product Number	ECM8-UM08-05-E6Q-ULL-VI
Packaging Method	Individual Blister Packs
Package Contents	Modules packaged in individual blister packs
Units per Delivery	1/1

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