

# EDGE8® MTP® to LC Duplex Module LC Duplex to MTP®/MPO (non-pinned), 8 Fiber, OM4, Universal Polarity, 4-pack



CORNING

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

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

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### **Rear-loading capability**

Decreases the time to prepare and install modules into fiber housings

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### **High density**

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

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### **Low insertion loss performance**

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

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### **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

Fiber Category	50 µm MM (OM4)
Product Type	Panels and Modules
Application	Data Center LAN/SAN

### Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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### Design

Fiber Count	12
Adapter Type Back	MTP®/MPO
Adapter Color Back	Aqua
Adapter Color Front	Aqua
Adapter Type Front	Shuttered LC Duplex
Product Family	EDGE8®
Housing Type	Panels and Modules

### Cable Design

Polarity	Universal
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### Optical Specification - Hardware

Module Insertion Loss, Max	0.35 dB
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### Connector Specs

Connector Type	LC Duplex
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## Specifications - Connector A

Connector Type	MTP®/MPO (non-pinned)
Polish	PC

## Specifications - Connector B

Polish	PC
Ferrule Material	Composite

## Dimensions

Length	231 mm (9.09 in)
Height	28.58 mm (1.13 in)
Width	165 mm (6.5 in)
Weight	0.57 kg

## Ordering Information

Product Number	ECM8-UM08-05-E6Q-ULL-Z
Package Contents	4 EDGE8 modules per blister pack
Packaging Method	Bulk Pack
Units per Delivery	1/1



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