

EDGE8® MTP® to LC Duplex Module 8F, Bend-improved Single-mode (OS2), Ultra-Low-Loss

CORNING

Part Number:
ECM8-UM08-18-E8G-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

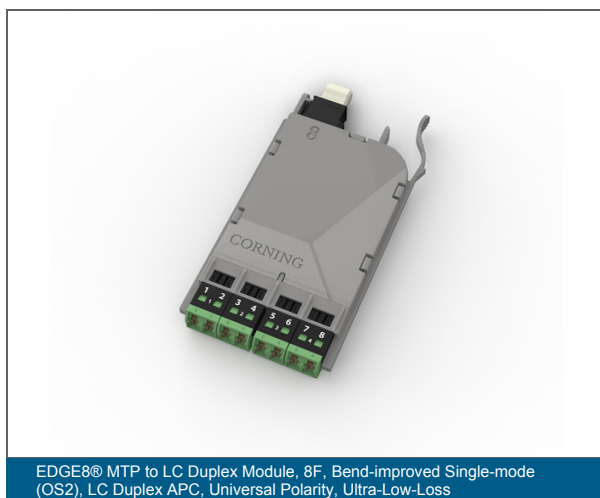
Module enables 576 fibers in a 4U housing and 144 fibers in a 1U

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	Modules
Fiber Category	Bend-improved SM (OS2)
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	Black
Adapter Color Front	Green
Adapter Type Front	Shuttered LC Duplex
Housing Type	EDGE
Panel or Module Type	EDGE8
Product Family	EDGE8

Cable Design	
Polarity	Universal

Optical Specification - Hardware	
Module Insertion Loss, Max	0.6 dB

Specifications - Connector A	
Connector Type	MTP® (non-pinned)

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Specifications - Connector A

Polish	APC
Ferrule Material	Composite

Specifications - Connector B

Connector Type	LC duplex
Polish	APC
Ferrule Material	Ceramic

Dimensions

Width	121 mm
Depth	125 mm

Ordering Information

Product Number	ECM8-UM08-18-E8G-ULL
Packaging Method	Individual Blister Packs
Package Contents	Modules packaged in individual blister packs
Units per Delivery	1/1



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