

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

CORNING

Part Number:
ECM8-RM08-18-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

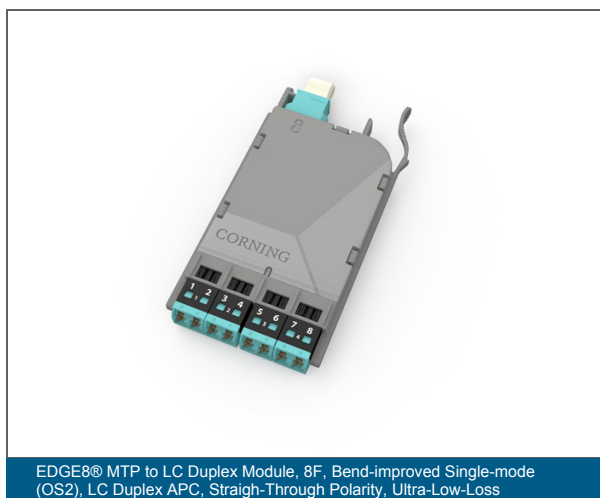
Module enables 576 fibers in a 4U housing and 144 fibers in a 1U

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
Product Family	EDGE8

Cable Design	
Polarity	Straight through

Optical Specification - Hardware	
Module Insertion Loss, Max	0.6 dB

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

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Specifications - Connector A

Ferrule Material	Composite
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Specifications - Connector B

Connector Type	LC duplex
Polish	APC
Ferrule Material	Ceramic

Dimensions

Width	118 mm (4.65 in)
Depth	125 mm (4.92 in)

Ordering Information

Product Number	ECM8-RM08-18-E8G-ULL
Packaging Method	Individual Blister Packs
Units per Delivery	1/1



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