EDGE8® MTP® to LC Duplex Module 8 F, Bend-improved single-mode (OS2)

Part Number:
ECM8-UM08-04-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

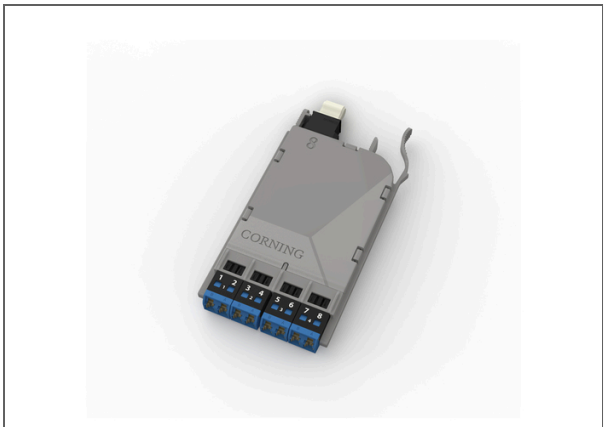
Module enables 576 fibers in a 4U housing and 144 fibers in a 1U

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



EDGE8® MTP®/MPO to LC Duplex Module, Ultra-Low-Loss, 8 F, bend-improved single-mode (OS2)

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Specifications

General Specifications	
Product Type	Modules
Fiber Category	Bend-improved Single-Mode (OS2)
Application	Data Center LAN/SAN

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

Design	
Fiber Count	8
Adapter Type Back	MTP®/MPO
Adapter Color Back	Black
Adapter Color Front	Blue
Adapter Type Front	Shuttered LC Duplex
Housing Type	Panels and Modules
Color	Gray
Panel or Module Type	EDGE8®
Product Family	EDGE8®

Cable Design	
Polarity	Universal

Optical Specification - Hardware	
Module Insertion Loss, Max	0.6 dB
Wavelengths	1310 nm / 1550 nm

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CORNING

Specifications - Connector A	
Connector Type	MTP®/MPO (non-pinned)
Polish	APC
Ferrule Material	Composite

Specifications - Connector B	
Connector Type	LC Duplex
Polish	UPC
Ferrule Material	Ceramic

Dimensions	
Width	120 mm (4.72 in)
Depth	125 mm (4.92 in)
Length	0 mm (0 in)

Ordering Information	
Product Number	ECM8-UM08-04-E8G-ULL
Package Contents	Modules packaged in individual blister packs
Packaging Method	Individual Blister Packs
Units per Delivery	1/1

RoHS COMPLIANT

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