

EDGE™ Module 12 F, LC Duplex to MTP® Connector, 50 µm multimode (OM4)

CORNING

Part Number: ECM-UM12-05-93Q

EDGE™ modules provide the interface between the MTP® connector on the trunk and the LC duplex jumpers that will then connect directly into electronics. The LC duplex adapters feature hinged VFL-compatible shutters that move up and out of the way when the connector is inserted. Specially designed indents in the shutters ensure that the end faces of the connectors are never touched. These shutters replace the standard dust caps that typically once removed are never replaced, exposing the interior end faces to dust particles and possible damage.



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

Design

Adapter Type Back	MTP®
Adapter Color Back	Aqua
Adapter Color Front	Aqua
Adapter Type Front	Shuttered LC
Number of Adapters per Panel	6
Housing Type	Panels and Modules

General Specifications

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

Optical Specification - Hardware

Module Insertion Loss, Max	0.5 dB
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Cable Design

Fiber Count	12
Polarity	Universal

Specifications - Connector B

Connector Type	LC Uniboot
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Specifications - Connector B

Ferrule Material	Ceramic
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Dimensions

Height	12 mm
Width	90 mm
Depth	124 mm

Specifications - Connector A

Connector Type	MTP® (pinned)
Ferrule Material	Composite
Endface Type	PC

Ordering Information

Weight	0.11 kg
Units per Delivery	1/1

Standards

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