

EDGE™ Module

12 F, LC Duplex to MTP® Connector, Bend-improved Single-mode (OS2)

CORNING

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

Connector modules

Allow for fiber modularity while offering both front- and rear-loading capability

Shuttered modules

Create one-hand operation while eliminating need to keep up with dust caps



Specifications

General Specifications	
Application	Data Center LAN/SAN
Product Type	Panels & Modules
Fiber Category	SM (OS2)

CORNING

EDGE™ Module

12 F, LC Duplex to MTP® Connector, Bend-improved Single-mode (OS2)



Design - Hardware

Fiber Count	12
Number of Adapters per Panel	6
Adapter Type Front	Shuttered LC
Adapter Color Front	Blue
Adapter Type Back	MTP
Adapter Color Back	Black

Mechanical Characteristics

Dimensions (W x D x H)	90 mm x 124 mm x 12 mm (3.53 in x 4.87 in x 0.463 in)
------------------------	---

Optical Specification - Hardware

Module Insertion Loss, Max	1.0 dB
Wavelengths	1,310 nm / 1,550 nm

Design - Connector A

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

Design - Connector B

Connector Type	LC Uniboot
Ferrule Material	Ceramic

Cable Design

Fiber Count	12
Polarity	Universal

Chemical Characteristics

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

EDGE™ Module

12 F, LC Duplex to MTP® Connector, Bend-improved Single-mode (OS2)



Ordering Information

Part Number	ECM-UM12-04-89G
Product Description	EDGE™ Solutions Module, 12 F, LC Duplex to MTP® Connector, Bend-improved Single-mode (OS2)
EAN Code	4056418304052
Weight	0.11 kg (0.25 lb)

Shipping Information

Units per Delivery	1/1
--------------------	-----



Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA

800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/trademarks. All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified.

© 2017 Corning Optical Communications. All rights reserved.