

EDGE™ Module

12 F, LC APC to MTP® APC Connector, Single-mode (OS2)

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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



ECM-UM12-18-89G | Photo LAN4846



Part Number: ECM-UM12-18-89G

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Specifications

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

Design - Hardware	
Fiber Count	12
Number of Adapters per Panel	6
Adapter Type Front	Shuttered LC APC
Adapter Color Front	Green
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 4.87 in 0.463 in)

Optical Specification - Hardware	
Module Insertion Loss, Max	1.25 dB
Wavelengths	1,310 nm / 1,550 nm

Design - Connector A	
Connector Type	LC duplex
Ferrule Material	Ceramic
Polish	APC
Housing Material	Composite
Housing Color	Green
Keyed (security)	No
Endface Type	APC

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Optical Specifications - Connector A

Insertion Loss, Max.	≤ 0.5 dB
Reflectance	≤ -65 dB

Design - Connector B

Connector Type	MTP® (pinned)
Ferrule Material	Composite
Polish	APC
Housing Material	Composite
Housing Color	Green
Keyed (security)	No

Optical Specifications - Connector B

Insertion Loss, Max.	≤ 0.75 dB
Reflectance	≤ -65 dB

Cable Design

Fiber Count	12
Polarity	Universal

Chemical Characteristics

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

Part Number	ECM-UM12-18-89G
Product Description	EDGE™ Solutions Module, 12 F, LC APC adapter (front), MTP® APC adapter (rear), Single-mode (OS2)
EAN Code	4042673431480
Weight	0.11 kg (0.25 lb)

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The CORNING logo is a blue square with the word "CORNING" in white, uppercase, sans-serif font centered inside.

Shipping Information

Units per Delivery	1/1
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