

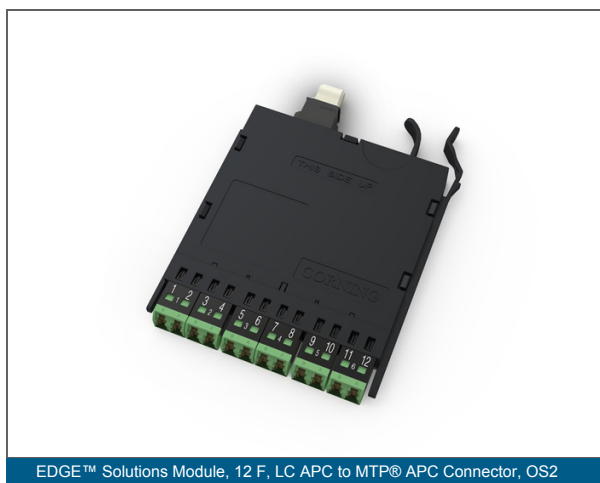
# EDGE™ Solutions Module 12 F, LC APC to MTP® APC Connector, single-mode (OS2)

CORNING

**Part Number:**  
**ECM-UM12-18-89G**

EDGE™ low-loss modules provide an interface between the MTP® connector on an MTP trunk and the LC duplex jumpers that connect directly to the electronics. These modules feature VFL-compatible LC shuttered adapters and are manufactured with Corning® CleanAdvantage™ Technology, an innovative factory cleaning and sealing process that minimizes debris transfer and allows you to connect with confidence.

All EDGE modules meet RoHS standards and are ideal for data center, local area network (LAN), and storage area network (SAN) applications.



# EDGE™ Solutions Module 12 F, LC APC to MTP® APC Connector, single-mode (OS2)



## Specifications

General Specifications	
Product type	Modules
Fibre category	Bend-improved Single-Mode (OS2)
Application	Data Centre

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

Design	
Fibre count	12
Adapter type back	MTP®
Adapter colour back	Black
Adapter colour front	Green
Adapter type front	LC duplex
Housing type	Panels and Modules
Product family	EDGE

Cable Design	
Polarity	Universal

Design - Adapter	
Adapter housing colour	Green
Adapter style	Shuttered

Optical Specification - Hardware	
Module Insertion Loss, Max	1 dB

# EDGE™ Solutions Module 12 F, LC APC to MTP® APC Connector, single-mode (OS2)



## Optical Specification - Hardware

Wavelengths	1310 nm / 1550 nm
-------------	-------------------

## Connector Specs

Housing colour	Green
----------------	-------

## Specifications - Connector A

Connector type	LC duplex
Housing colour	Green
Polish	APC
Housing material	Composite
Ferrule material	Composite
Keyed (security)	No
Endface type	APC
Insertion loss, max.	0.5 dB
Reflectance, typical	≤ -65 dB

## Specifications - Connector B

Connector type	MTP® (pinned)
Polish	APC
Housing material	Composite
Ferrule material	Ceramic
Endface type	APC

## Dimensions

Width	102 mm
Depth	125 mm

# EDGE™ Solutions Module 12 F, LC APC to MTP® APC Connector, single-mode (OS2)

CORNING

## Ordering Information

Product Number	ECM-UM12-18-89G
Packaging method	Individual Blister Packs
Units per delivery	1/1



Corning Optical Communications GmbH & Co. KG • Leipziger Strasse 121 • 10117 Berlin, Germany  
00 800 2676 4641 • FAX: • [www.corning.com/opcomm/emea](http://www.corning.com/opcomm/emea)

A complete listing of the trademarks of Corning Optical Communications is available at [www.corning.com/opcomm/emea/trademarks](http://www.corning.com/opcomm/emea/trademarks). Corning Optical Communications is ISO 9001 and ISO 14001 certified. © 2026 Corning Optical Communications. All rights reserved.