

# EDGE™ HD Dense Wavelength Division Multiplexing (DWDM) Module

CORNING

EDGE HD-DWDM modules incorporate LC APC connections on single fiber ports and MDC APC connections on two-fiber output channel pairs. 6i, 12i and 24i modules are used for the initial channels deployed, while 12u and 24u modules are optimized to expand (or upgrade) the number of channels to 36 or 48 via a single LCA to LCA jumper. 6i, 12i and 24i modules incorporate an Aux port which combines the passbands normally associated with separate express and upgrade ports into one, as well as, additional ports that provide two combined Tx/Rx test points, with one supporting a specialized, highly isolated 1611 nm OTDR channel for active monitoring.

## Features and Benefits

### Four modules for all applications

- Less pre-planning required
- Reduces "working" stock for unforeseen events
- Maximizes utilization efficiency
- Consistent ITU channel numbering
- Uniform modularity enables in-place upgrades

### Enhanced jumper management

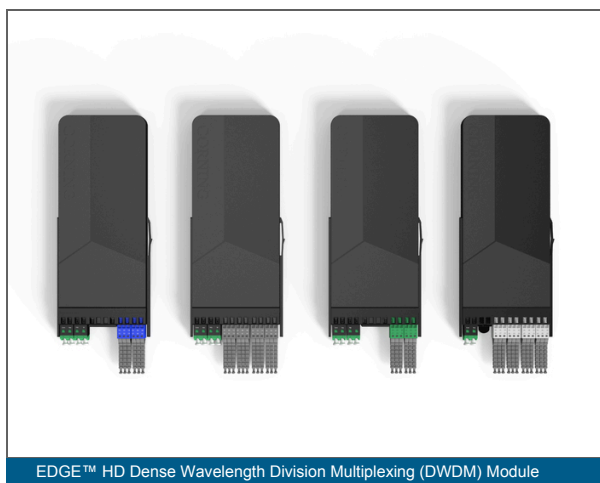
Puts channels nearer to where needed to reduce unruly cabling from developing

### Color-coded MDC adapters

Easily identify module type

### 1RU per Switch

Supports fully loading switches with 1 to 24 node



EDGE™ HD Dense Wavelength Division Multiplexing (DWDM) Module

# EDGE™ HD Dense Wavelength Division Multiplexing (DWDM) Module

CORNING

## Standards

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

## Specifications

### General Specifications

Access Type	Front access
Application	Headend
Mounting Type	Rack-mount
Product Type	Module
Multiplexing type	DWDM

### Temperature Range

Temperature Range, Operation	-5 °C - 65 °C (23 °F - 149 °F)
Temperature Range, Storage	-45 °C - 85 °C (-49 °F - 185 °F)

### Design

Part Number	Housing Material	Housing Type
DWXMA1B223801ZZENN	Plastic	WDM solutions
EDGE-01U-DWDM	Plastic	

### Design Adapter

Part Number	Adapter Type	Housing Material	Housing Color
DWXMA1B223801ZZENN	MDC APC / LC APC	Plastic	Orange / Green
EDGE-01U-DWDM		Plastic	Silver

# EDGE™ HD Dense Wavelength Division Multiplexing (DWDM) Module

CORNING

Dimension			
Part Number	Depth	Width	Height
DWXMA1B223801ZZENN	250 mm	92 mm	12.6 mm
EDGE-01U-DWDM	561 mm	432 mm	44 mm

## Ordering Information

Part Number	Units per Delivery
DWXMA1B223801ZZENN	1/1
EDGE-01U-DWDM	1/1



Corning Comunicacoes Opticas • Estrada do Camorim 633 • Jacarepagua CEP 22780-070 • Rio De Janeiro, RJ Brazil  
+55 21 3416 5150 • FAX: +55 21 2441 2037 • [www.corning.com/opcomm/csa](http://www.corning.com/opcomm/csa)

A complete listing of the trademarks of Corning Optical Communications is available at [www.corning.com/opcomm/trademarks](http://www.corning.com/opcomm/trademarks). All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified. © 2026 Corning Optical Communications. All rights reserved.