

EDGE™ 4x4 Mesh Module

32 F, MTP® to MTP, 50 µm multimode (OM4)

CORNING

EDGE™ 4x4 Mesh Modules are used to break out the 40G SR4 ports to create a 10G fabric, eliminating the need to break the MTP® into LC connectivity. The mesh modules contain four 8-fiber MTP's in the rear for mating to backbone trunks and break out to four 8-fiber MTP's in the front for connectivity to the electronics. These modules allow customers to take advantage of higher port densities per switch with lower power consumption and a lower cost per 10G port, as well as improves their ability to create port diversification when using QSFP+ transceivers for 1-G applications.

Features and Benefits

Four 8-fiber MTP inputs shuffled to four 8-fiber MTP outputs

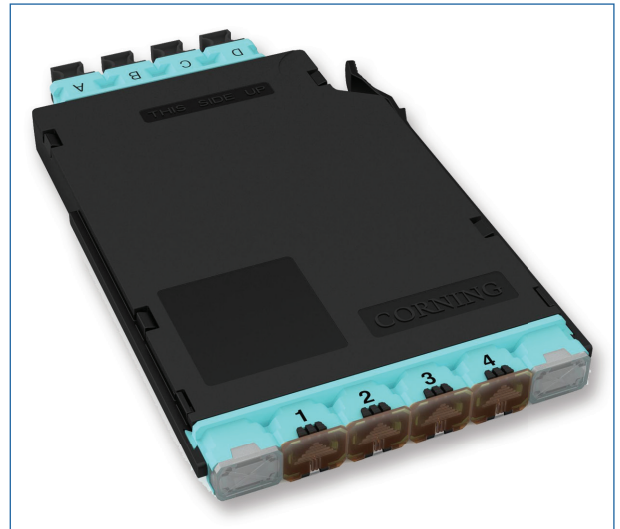
75% less rack space required

SR4 and PSM4 mesh without breaking connections out into LC connectivity

75% less congestion at MDA

Integrates into all EDGE housings

10% less insertion loss in link and 5% less cost to deploy than traditional breakout to LC connectivity



Part Number: EMM-MM32-9393Q



Part Number: EMM-MM32-9393Q

EDGE™ 4x4 Mesh Module

32 F, MTP® to MTP, 50 µm multimode (OM4)

CORNING

Specifications

General Specifications	
Application	Data Center LAN/SAN
Product Type	Panels & Modules
Fiber Category	Bend-improved 50 µm MM (OM4)

Design - Hardware	
Fiber Count	32
Number of Adapters per Panel	4
Adapter Type Front	MTP
Adapter Color Front	Aqua
Adapter Type Back	MTP
Adapter Color Back	Aqua
Panel or Module Type	EDGE™

Mechanical Characteristics	
Dimensions (HxWxD)	11.81 mm x 89.53 mm x 124 mm (0.46 in x 3.53 in x 4.87 in)
Weight	0.45 kg

Optical Specification - Hardware	
Module Insertion Loss, Max	0.5 dB
Wavelengths	850 nm / 1,300 nm

Design - Connector A	
Connector Type	MTP® (pinned)
Ferrule Material	Composite

Design - Connector B	
Connector Type	MTP® (pinned)
Ferrule Material	Composite

EDGE™ 4x4 Mesh Module

32 F, MTP® to MTP, 50 µm multimode (OM4)



Cable Design

Polarity	Universal; TIA-568 Type-B
----------	---------------------------

Chemical Characteristics

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

Ordering Information

Part Number	EMM-MM32-9393Q
Product Description	EDGE™ 4x4 Mesh Module, 32 F, MTP® to MTP, 50 µm multimode (OM4)
EAN Code	4056418145655
Weight	0.45 kg (1.0 lb)

Shipping Information

Units per Delivery	1/1
Shipping Weight	0.91 kg (2.0 lb)



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

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.

© 2016 Corning Optical Communications. All rights reserved.