

EDGE™ 4x4 Mesh Module

32 F, MTP® APC to MTP APC, Bend-improved Single-mode (OS2)



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-SM32-8989G



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Specifications

Design

Fiber Count

32

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CORNING

Design

Adapter Type Back	MTP®
Adapter Color Back	Black
Adapter Color Front	Black
Adapter Type Front	MTP®
Panel or Module Type	EDGE
Number of Adapters per Panel	4
Housing Type	Panels and Modules

General Specifications

Fiber Category	Bend-improved SM (OS2)
Product Type	Panels and Modules
Application	Data Center LAN/SAN

Optical Specification - Hardware

Module Insertion Loss, Max	1
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Cable Design

Fiber Count	32
Polarity	Universal, TIA-568 Type-B

Specifications - Connector B

Connector Type	MTP® (pinned)
Ferrule Material	Composite

Dimensions

Height	11.81
Width	89.53
Depth	124

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Connector Specs	
Ferrule Material	Composite

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

Ordering Information	
Weight	0.45
Shipping Weight	0.91
Units per Delivery	1/1

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

Ordering Information

Part Number	EMM-SM32-8989G
Product Description O	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.