

# EDGE™ 4x4 Mesh Module

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

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## 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



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## Specifications

### Design

Fiber Count

32

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## Design

Adapter Type Back	MTP®
Adapter Color Back	Aqua
Adapter Color Front	Aqua
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 50 µm MM (OM4)
Product Type	Panels and Modules
Application	Data Center LAN/SAN

## Optical Specification - Hardware

Module Insertion Loss, Max	0.5
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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
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## 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
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## Ordering Information

Part Number	EMM-MM32-9393Q
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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.
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