Pretium EDGE® Solutions Tap Module

Single-mode (OS2), 50/50 split ratio (live/tap), 12-F LC duplex ports, one pinned MTP® adapter labeled LIVE, one pinned red MTP® adapter labeled TAP

CORNING

Pretium EDGE® Tap Modules, part of Pretium EDGE Solutions for data centers and storage area networks, enable passive optical tapping of the network while reducing downtime and link loss, and while increasing rack space utilization and density compared to other optical tap options. Unlike other passive optical taps that must be added as a separate device in the network link, the Pretium EDGE Tap Module integrates the coupler technology for passive optical tapping into a structured cabling component--the module. Monitored ports can be added without disrupting the system's live traffic, and elimination of the tap as a separate device reduces insertion loss in the link.

Pretium EDGE® Tap Modules use an advanced splitter technology for multimode to reduce insertion loss compared to traditional splitter technology. Featuring the Pretium EDGE Solutions high-density module footprint, Pretium EDGE Tap Modules enable up to 72 monitored links per 1 rack unit, and they fit seamlessly into Pretium EDGE Solutions hardware for maximum cable management and better utilization of rack space.

Part Number: ETM-5B-G

Features and Benefits

Integrates tap splitters directly into the structured cabling infrastructure
Eliminates network downtime associated with changing monitored ports in a live system

Rear-exiting, MTP® based TAP ports do not require additional rack space
Zero rack space impact results in higher revenue generation per rack unit; allows separation of live and tap ports into different cabinet locations

Utilizes advanced splitter technology
Maintains equal modal power distribution, reducing insertion loss for increased link reach

Pretium EDGE®-based footprint
Integrates seamlessly into an existing Pretium EDGE Solutions infrastructure

Universal polarity managment
Eliminates the frustration of needing to flip connector pairs or modules

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Specifications

General Specifications

Application	Data Center LAN/SAN
Product Type	Panels & Modules
Fiber Category	Single-mode (OS2)

Design - Hardware

Fiber Count	12
Number of Adapters per Panel	6
Adapter Type Front	Shuttered LC
Adapter Color Front	Blue
Adapter Type Back	MTP®
Adapter Color Back	Black/Red

Mechanical Characteristics

Dimensions (HxWxD)	12 mm x 90 mm x 165 mm (0.463 in x 3.53 in x 6.50 in)

Optical Specification - Hardware

MTP® Connector Insertion Loss	0.75 dB
LC Connector Insertion Loss	0.50 dB
Splitter Loss for Tap Modules	3.6 dB LIVE / 3.6 dB TAP

Design - Connector A

Connector Type	LC duplex
Ferrule	Ceramic

Design - Connector B

Connector Type	MTP® (pinned)
Ferrule	Composite

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Cable Design	
Polarity	Universal

Ordering Information

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Shipping Information

Units per Delivery	1/1