EDGE™ Tap Module

50 µm MM (OM4), 50/50 split ratio (live/tap), two red LC duplex adapters labelled TAP, four aqua LC duplex adapters labelled LIVE

EDGE™ tap modules, part of EDGE Solutions for data centres and storage area networks (SAN), enable passive optical tapping of the network while reducing downtime and link loss, and increasing rack space utilisation and density compared to other optical tap options.

Unlike other passive optical taps that must be added as separate devices in the network link, the 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.

EDGE tap modules use an advanced splitter technology for multimode to reduce insertion loss compared to traditional splitter technology.

Featuring the EDGE Solutions high-density module footprint, EDGE tap modules enable up to 72 monitored links per one rack unit, and they fit seamlessly into EDGE Solutions hardware for maximum cable management and better utilisation of rack space.

Part Number: ETM-5A-Q

Features

- Designed for Duplex based infrastructure solutions
- For Ethernet Duplex application up to 10G
- For Fibre Channel Duplex application up to 16G
- Utilises advanced splitter technology
- EDGE Solutions-based footprint

Specifications

General Specifications	
Application	Data Centre LAN/SAN
Product type	Modules
Fibre Category	50 µm MM (OM4)

Design - Hardware	
Fibre Count	4
Number of adapters per panel	2

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CORNING

Design - Hardware	
Adapter Type Front	Shuttered LC
Adapter Colour Front	turquoise / red

Optical Specification - Hardware	
Max. Module Loss Live Link/Tap Link SM-1310 nm	3.9 dB / 3.9 dB
Split Ratio Live/Tap	50/50
Splitter Loss for Tap Modules	3.6 dB LIVE / 3.6 dB TAP
LC Connector Insertion Loss	0.15 dB
Max. Insertion Loss Live Link/Tap Link MM-850 nm	4.1 dB

Design - Connector A	
Connector Type	LC Duplex
Ferrule Material	Ceramic

Cable design	
Polarity	Straight-Through; TIA-568 Type-A

Ordering Information

Part Number	ETM-5A-Q
Product Description	EDGE™ Solutions Tap Module, 50 µm MM (OM4), 50/50 split ratio (live/tap), two red LC duplex adapters labelled TAP, four aqua LC duplex adapters labelled LIVE
EAN Code	4056418147826
Weight	0.16 kg (0.35 lb)
Height	12 mm (0.463 in)
Width	115 mm (4.53 in)
Depth	152 mm (6.00 in)

Shipping Information

Units Per Delivery	1/1

CORNING

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CORNING

Notes

RoHS COMPLIANT

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