Plug & Play™ Universal Module, LC

Low-Loss, 24 F, Shuttered LC to MTP®, 50 µm multimode (OM4)

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Corning Cable Systems Plug & Play™ Universal Systems modules are used to break out the 12-fiber MTP® Connectors terminated on trunk cables into shuttered LC duplex connectors to facilitate patching into system equipment ports, patch panels or work area outlets. The module features shuttered LC duplex port adapters across the front and one or two MTP Connector adapters across the back. A factory-terminated and -tested optical fiber assembly inside the module connects the front adapters to the back MTP Connector adapter(s).

The modules are designed to fit into Corning Cable Systems Pretium® Solutions hardware and are available in 12- and 24-fiber configurations for shuttered LC duplex connectors. The modules feature a silk screen with port and fiber labeling to aid in system administration. The modules' reduced-depth footprint provides added room for routing cables into the back of hardware, while providing a solution for shallow, raised-floor boxes. This provides adaptability for the changing data center environment.

Modules with shuttered LC duplex adapters have additional benefits when compared to traditional LC duplex adapters. The Corning Cable Systems shuttered LC duplex adapter features an integral shutter system that opens internal to the adapter and allows single-handed connector insertion/removal. While the primary purpose of the shutter is to provide dust protection without having to remove and store dust caps, the shutter mechanism is also visual fault locator (VFL) compatible. When a VFL is used at the opposite end of the link, the corresponding fiber port on the opposite end is illuminated through the shutter.

The use of Plug & Play Universal Systems modules in the data center offers the advantage of greater manageability and flexibility with a modular infrastructure. As future connectivity requirements change, modules can be easily exchanged to meet those needs, while leaving the existing trunk cable infrastructure in place.

Part Number: CCH-UM24-05-93Q

Features and Benefits

Connector modules
Allow for fiber modularity while offering both front- and rear-loading capability

Shuttered modules
Create one-hand operation while eliminating need to keep up with dust caps

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Features and Benefits

Universal wired components
Enable moves, adds and changes without polarity concerns; provide a simple migration path between 2-fiber and parallel optic applications

Standard and low-loss components
Provide means of meeting increasingly stringent network performance requirements

Specifications

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

Design - Hardware	
Fiber Count	24
Number of Adapters per Panel	12
Adapter Type Front	Shuttered LC
Adapter Color Front	Aqua
Adapter Type Back	MTP®
Adapter Color Back	Aqua

Optical Specification - Hardware	
Insertion Loss	0.5 dB

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2002/95/EG

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Ordering Information

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RoHS COMPLIANT

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