

Plug & Play™ Classic Module, LC

12 F, Shuttered LC to MTP®, 50 µm multimode (OM3)

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Corning Cable Systems Plug & Play™ Classic 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 adapters across the front and one or two MTP adapters across the back. A factory-terminated and -tested optical fiber assembly inside the module connects the front adapters to the rear MTP 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 Classic 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 cable infrastructure in place.

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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Specifications

General Specifications

Application	Data Center LAN/SAN
Product Type	Panels & Modules
Fiber Category	50 µm MM (OM3)

Design - Hardware

Fiber Count	12
Number of Adapters per Panel	6
Adapter Type Front	Shuttered LC
Adapter Color Front	Aqua
Adapter Type Back	MTP®
Adapter Color Back	Aqua

Optical Specification - Hardware

Insertion Loss	0.75 dB
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Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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Ordering Information

Part Number	CCH-RM12-05-70T
Product Description	Plug & Play™ Classic Module, LC, 12 F, Shuttered LC to MTP®, 50 µm multimode (OM3)

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Notes



Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA

800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/cablesystems

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