

Plug & Play™ Universal Integrated Trunk Module

12 F, Shuttered LC to MTP® (non-pinned), 50 µm multimode (OM3), 40 ft

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The Plug & Play™ Universal Systems Integrated Trunk Module (ITM) is a value-adding complement to the preterminated fiber optic cabling system pioneered by Corning Cable Systems. The Integrated Trunk Module is a preterminated 12-fiber MTP® Connector trunk assembly integrated into a Plug & Play Universal Systems module. The trunk cable stored within the module is easily deployed to an exact length, so precise pre-planning of cable length is not required.

The ITM provides a quick and convenient method for deploying and/or redeploying optical connectivity. It is ideal for deployment in zone distribution architectures, from the zone distribution area to equipment cabinet(s). Additionally, the ITM can be easily deployed between the data center main distribution area and individual cabinet locations.

The ITM features a sliding tray that rotates to one side making it easier to access and deploy the trunk cable. Once the trunk cable has been deployed, the remaining excess cable can be stored within the sliding tray to eliminate slack. Integration of a trunk and module eliminates an MTP Connector pair, yielding a decrease in channel insertion loss.

The ITM is designed with shuttered LC duplex or SC duplex adapters and features port and fiber labeling to aid in system administration. Modules with shuttered LC duplex adapters have additional benefits when compared to traditional LC duplex adapters. Corning Cable Systems' shuttered LC duplex adapters feature an integral shutter system that opens internal to the adapter and allows single-handed connector insertion and removal. While the primary purpose of the shutter is to provide dust protection without having to remove and store dust caps, the shutter mechanism also provides VFL compatibility. When a VFL is used at the end of the link, the corresponding fiber port on the opposite end is illuminated through the shutter.

Features and Benefits

Shuttered modules

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

Internal strain-relief bracket and boot

Strain-relief and bend-radius protection



Part Number: ITMU-12-0569T-040F



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Features and Benefits

Trunk and module integration eliminates an MTP connector pair

Decrease in channel insertion loss

Specifications

General Specifications	
Application	Data Center LAN/SAN
Product Type	Panels & Modules
Fiber Category	50 µm MM (OM3)
Design - Hardware	
Fiber Count	12
Adapter Type Front	Shuttered LC
Adapter Color Front	Aqua
Adapter Type Back	MTP® (non-pinned)
Adapter Color Back	Aqua
Mechanical Characteristics	
Cable Length	40 ft
Module Width	1 panel space
Optical Specification - Hardware	
Insertion Loss	0.75 dB
Cable Design	
Polarity	Universal

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Chemical Characteristics

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

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