

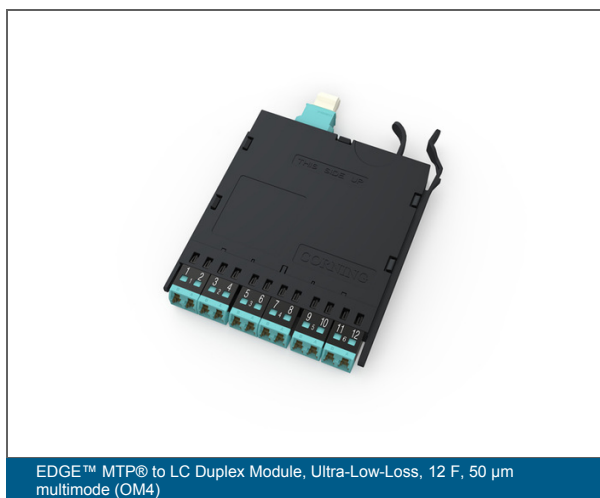
EDGE™ Module, Ultra Low Loss Ultra Low Loss, 12 F, 50 µm multimode (OM4)

CORNING

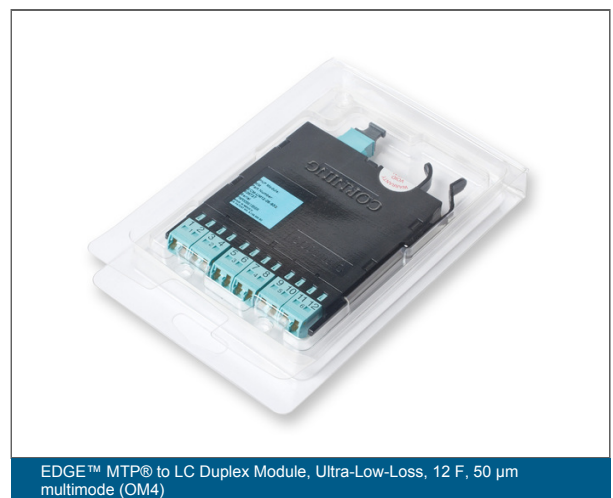
Part Number:
ECM-UM12-05-93Q-ULL

EDGE™ modules provide the interface between the MTP® connector on the trunk and the LC duplex patch cords that will then connect directly into the electronics or as a crossconnect in the main distribution area (MDA). The ultra-low-loss modules allow for extended-reach capabilities in high-speed serial duplex transmission. OM3/OM4/OM5 EDGE ultra-low-loss modules are specified to 0.35 dB compared to 0.5 dB for the low-loss EDGE module. The OS2 EDGE ultra-low-loss modules are specified to 0.60 dB compared to 1.0 dB for the standard EDGE module.

The internal wiring based on universal polarity ensures the correct fibre polarity throughout the entire system independent of how many modules are implemented within the link. All EDGE modules can be installed from the front or the rear of any EDGE Solutions housing using a simple release mechanism negating the need for any specialist tools. LC duplex adapters feature hinged shutters that move up and out of the way when the connector is inserted. Specially designed indents in the shutters ensure that the end faces of the connectors are never touched. These shutters replace the standard dust caps that typically once removed are never replaced, exposing the interior end faces to dust particles and possible damage. In addition, the shutters are visual fault locator (VFL) compatible allowing easy port identification whilst defusing the VFL light to ensure adequate eye safety.



EDGE™ MTP® to LC Duplex Module, Ultra-Low-Loss, 12 F, 50 µm multimode (OM4)



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Specifications

General Specifications

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

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Design

Fibre count	12
Adapter type back	MTP®
Adapter colour back	Turquoise
Adapter colour front	Turquoise
Adapter type front	Shuttered LC duplex
Housing type	Panels and Modules
Colour	Black
Product family	EDGE™

Cable Design

Polarity	Universal
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Optical Specification - Hardware

Module Insertion Loss, Max	0.35 dB
Wavelengths	850 nm
Fibre category	50 µm MM (OM4)

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Specifications - Connector A

Connector type	MTP® (pinned)
Polish	PC
Ferrule material	Composite
Endface type	PC

Specifications - Connector B

Connector type	LC duplex
Polish	PC
Ferrule material	Ceramic
Endface type	PC

Dimensions

Height	12 mm
Width	99 mm
Depth	125 mm

Ordering Information

Product Number	ECM-UM12-05-93Q-ULL
Packaging method	Individual Blister Packs
Units per delivery	1/1



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