

Pretium EDGE® Housing

4U, for up to 48 Pretium EDGE® LC Modules or MTP® Adapters

CORNING

Corning Cable Systems LANscape® Pretium EDGE® Solutions are high-density pre-terminated optical cabling systems that simplify installation and improve performance in data centre environments. Pretium EDGE Solutions provide increased system density and offer the highest port density in the market. The modular system approach with pre-terminated components allows for reduced installation time and faster moves, adds and changes (MACs). Corning Cable Systems factory-terminated solutions provide improved system performance, ensure component compatibility and yield consistent quality. Pretium EDGE consists of optical trunks and extender trunks, modules, harnesses, housings and jumpers with reduced cable diameters and bending radii, enabled by ClearCurve® optical fibre.

ClearCurve® Multimode and Single-mode fibres are developed and manufactured by Corning to provide superior bend performance and resilience in fibre optic cabling systems. Innovative fibre design in core, cladding and coating ensures leading performance with full compatibility to the most recent fibre standards. The entire MTP®-based fibre optic cabling system follows an easy snap-and-latch approach – from the installation of modules and cables to the connection of system components at the fibre interface. There is no time-consuming fibre preparation and termination, and there are no consumables or piece parts. No tools are required other than a screwdriver for installation of hardware. Pre-terminated trunk cabling systems fitted with a factory-installed protective pulling grip are routed through the cabling pathways and spaces. Once deployed, the pulling grip is removed and the MTP connectors on both ends are plugged into connector panels or modules. High density MTP Connector based trunk systems plug into breakout modules or harnesses for a simple, fast to deploy, modular solution with easy scalability. Modules and harnesses conveniently load into Pretium EDGE® Solutions hardware, and correct fibre polarity is guaranteed throughout the systems' link by the universal wiring scheme. Pretium EDGE Solutions products are packaged in recycled material, and the packaging is 100% recyclable.

Features and Benefits

Pretium EDGE® 4U housing holds up to 48 LC modules (288 ports = 576 fibres) or 48 MTP adapter panels (192 MTPs (12f) = 2304 fibres)



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Features and Benefits

Pretium EDGE® 1U housing holds up to 8 LC modules (48 ports = 96 fibres) or 8 MTP adapter panels (32 MTPs (12f) = 384 fibres)

Mounts in 19" racks or cabinets

Provides industry-leading high-density connectivity

Enables growth of port counts through modular design

Contains individually sliding trays that accommodate 4 LC connector modules or MTP connector panels

Provides easy access to connectors without compromising optical connectivity of other ports

Facilitate fast moves, adds and changes of port configurations

Features horizontal jumper management guides on each tray

External jumper routing guides to facilitate cable management and drawer movement

Specifications

General Specifications

Mounting Type	Rack 19"
Mounting Technology	protruding
Access Type	front access downward tiltable
Lockable	yes, front side

Design - Hardware

Housing material	Metal
Housing Colour	Anodized silver
Height Unit	4U
Cable entry type	side brush entry

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Mechanical characteristics

Dimensions (HxWxD)	176 mm x 513 mm x 440 mm
Weight	12.3 kg

Ordering Information

Order Number	EDGE-04U-RDH
Product Description	Pretium EDGE® Housing, 4U, anodized silver, for up to 48 Pretium EDGE LC Modules or MTP Adapters

Shipping Information

Packing dimensions (L x W x H)	530 mm x 520 mm x 280 mm
Shipping Weight	15.8 kg
Units per Delivery	1/1

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