

## Product Focus

### Pretium EDGE® Harnesses for the Data Centre



One of the critical challenges facing Data Centre owners, operators and maintenance personnel in High Density (HD) computing areas is how to provide high port concentration deployments to support the latest generation of high-speed switches without losing them under a mass of patch cables.

Pretium EDGE Harnesses are ultra slim 12-fibre (or 8-fibre) pre-terminated cables supplied with an MTP connector at one end and 4 or 6 LC Duplex connectors at the opposite end to connect the IT equipment.

Harnesses are quicker to deploy than traditional patch cords in HD environments. They reduce the number of cable connections and cable bulk, which aids airflow management around active devices and allows neater routing through the rack or cabinet. For example, 48 patch cords can be reduced to 8 harnesses.

A range of harnesses are available to support specific data centre applications and device types. These include:

- **Pretium EDGE Trunk harnesses** (1x 12 fibre MTP to 6 Duplex LC) are designed to facilitate an interconnect point when the electronics are located in a separate zone to the cross-connect or patching area. A pinned MTP Connector is used to connect to another trunk for onward connection to the electronics.
- **Pretium EDGE Module harnesses** (1x 12 fibre MTP to 6 Duplex LC) are designed to create a cross-connect point near the electronics by enabling port replication. A non-pinned MTP Connector is used to connect into the back of a Pretium EDGE module.
  - Trunk and Module harnesses are available in custom-engineered lengths to match the electronics port layout of **specific switch vendor brands** saving on excessive cable lengths.
- **Pretium EDGE AO SFP+ Aggregation harnesses** (4 Duplex LC to 1x 8-fibre MTP) are designed for use with the aggregation of 4 x 10G ports to a 40G port. A pinned MTP connector is used to connect into a trunk cable for onward connection to a 40G port.
- **Pretium EDGE AO SFP+ Fabric harnesses** (1x 8-fibre non-pinned MTP to 4 Duplex LC) are designed to directly connect a fabric of 4 x 10G ports to a 40G high speed port.
  - Fabric and Aggregation harnesses are uniquely wired to **manage polarity** and maintain transmit-to-receive connectivity.
- Harnesses are available for OM3/OM4 multimode and OS2 single mode optical fibre.

Please consult pages 32-37 of [the Pretium EDGE Family Specification Sheet](#) to find ordering information for the correct harness type and configuration you need.

## Product Updates

### Data Centre Product and Content News:

#### Pretium EDGE® Port Replication Housing

The Pretium EDGE Port Replication Housing is designed to mimic the line card layout of a Director or Switch within a passive patching area like an MDA.

Features include:

- One housing to mimic the panel/module configuration for all types of directors/switches in vertical or horizontal orientation
- Modular panel configuration allows a single panel to replicate multi-port line cards
- The 10U, 19" unit holds up to 11 EDGE-CP8B-PRH or EDGE-BLNK-PRH panels
- Shallow depth (9") enables installation in back-to-back configurations and within custom frames
- Strain relief locations in rear of housing allow quick installation of trunks
- Integrated strain-relief enables easy mounting of trunks within the housing

[Download the specification sheet](#) for more information.



### LAN Product and Content News:

#### UniCam® Promotion 1<sup>st</sup> February 2015 – 30<sup>th</sup> April 2015

UniCam® High-Performance Toolkit Promotional Offer for EMEA (excluding Russia):

- Buy 300 UniCam Connectors from an authorised distribution partner and get one free UniCam® High-Performance Toolkit, or
- Buy 1000 UniCam Connectors from an authorised distribution partner and get two free UniCam® High-Performance Toolkits.

Choose between all types of Corning UniCam connectors: ST, LC, SC – Multimode and Single mode



[Click here](#) for more information and the terms and conditions of the promotion.

Please click here for [more information on any of these updates](#).