MX SERIES
SCALABLE NETWORKING.

PRODUCT GUIDE
DATA CENTER FIBRE INFRASTRUCTURE

 Greater Network Flexibility for changes
 Higher Port Density across the network
 Ultimate Performance guaranteed
 Enabled For Upgrades to higher data rates
Port Labelling: Clear Designation

Clear and easy to access label strip located on front management.

Single Module Release: Reduce Disruption

Avoid moving multiple modules and disrupting patching unnecessarily.

Patch Cord Routing Guides

Maintain optical performance through maintaining the correct bend radius of patch cords.
Integrated Strain Relief

Multiple trunk cable tie off positions with cable ties included.

Unique Front and Rear Loading Mechanism

Improve installations with easy front and rear access.
THE MX 2U PANEL
Increased Space For Labelling

Offering total port designation across all 288 fibres.

Minimise Disruption During MACs

Avoid moving trays of multiple modules with single module extraction (change here is no s on modules).

Improved Airflow Through The Rack

Enables improved cooling of equipment.
Integrated **Strain Relief**

Multiple trunk cable tie off positions with cable ties included.

Maximised **Port Spacing**

For Easy Patching

With slim-line back to back adaptors and better spacing of modules.
MPO MTP Adaptor Modules

Create zonal distribution for 10G/25G networks or use within your 40G/100G network to connect patch cords to trunk cables. Each module holds 8 MPO (MTP) adaptors with various colour options to help designate different channels.

Duplex Networking: 10G/25G

12 LC duplex ports (24 fibre) modular cassettes with 2 x rear MPO (MTP) 12 fibre cable ports. Low loss connectors and Corning Clearcurve® glass minimise insertion loss across the module.

Base 8: 40G/56G/100G SR4

Each module breaks out 3 x SR4 channels into 12 duplex 10G/25G channels for patching using standard LC patch cords.
Partially split out the Tx signal entering the cassette front LC ports and present these signals at clearly marked LC front ports. Vary the split from 50:50 to 90:10 depending on location of your cassettes.

**Mx(LC) Tap Modules: Front Port Monitoring**

Partially split out the Tx signal entering the cassette rear MPO (MTP) ports and present these signals at a 2nd rear MPO (MTP) port rear of the cassette. Vary the split from 50:50 to 90:10.

**Mx(MTP) Tap Modules: Trunk Cable Monitoring**

Partially split out the Tx signal entering both the front and rear of the cassette. Present these signals at an MPO (MTP) rear port.

**Mx(LC + MTP) Tap Modules: Full Monitoring**

Partially split out the Tx signal entering the cassette MPO (MTP) ports and present these signals at clearly marked LC front ports. Vary the split from 50:50 to 90:10 depending on location of your cassettes.
TRUNK CABLES
**10G/25G From 12 To 144 Fibre**

M Series MTP® trunk cables form the backbone to the MX Series solution. With better bend radius and higher core counts, these trunks maximise cabling density.

**Base 8: Up To 18 Channels Per Cable**

For SR4 40G, 56G, and 100G connectivity between MX MTP® adaptor coupler modules.

**Base 20: 100G SR10 and LR10**

Utilising the MTP® 24 fibre ELITE® connector and high fibre count cable construction to minimise ports and cable space.
With more product options, network design and installation becomes simpler, quicker and more cost effective.

Micro Core Dry Loose Tube Cable

This leading cable construction reduces bend radius, reduces cable weight and reduces cable volume in cable trays. Characteristics that are a prerequisite for a modern data centre network.

Corning Clearcurve® Glass

All MX Series products use Corning Clearcurve® multimode and SMF28® singlemode glass cores. Simply put, these glass cores offer the best performance.

Pulling socks, customisation, even more options

With more product options, network design and installation becomes simpler, quicker and more cost effective.
PATCH CORDS
M310 Patch Cords For 10G And 25G

Low loss patch cords complete a high performance network. Options include standard duplex, unibody with smaller cable diameter, HD quick release tabs and full labelling.

M400 Patch Cords For 40G/100G SR4 And LR4

For direct QSFP+ or QSFP28 connection, cross connects or for patching MPO (MTP) trunk cables via MX MPO (MTP) adaptor modules.

M1000 Patch Cords 100G SR10 And LR10

For direct transceiver connections or cross connects, for patching MPO (MTP) trunk cables via MX MPO (MTP) adaptor modules.
BREAKOUTS
10G And 25G 12 Fibre Breakouts

Improve port density in racks by using direct connect M Series breakout cables. Customise breakout tails to exactly fit your requirements.

Base 8: 40G And 100G SR4 / PLR4

Breakout QSFP+ and QSFP28 transceivers to 10G channels. Benefit from the largest stock of cables in Europe.

20 Fibre 100G SR10 / PLR10

Breakout CFP transceivers to enable breakout into 10G ports or transmitting over existing infrastructure.