EDGE8™ Solutions

CORNING

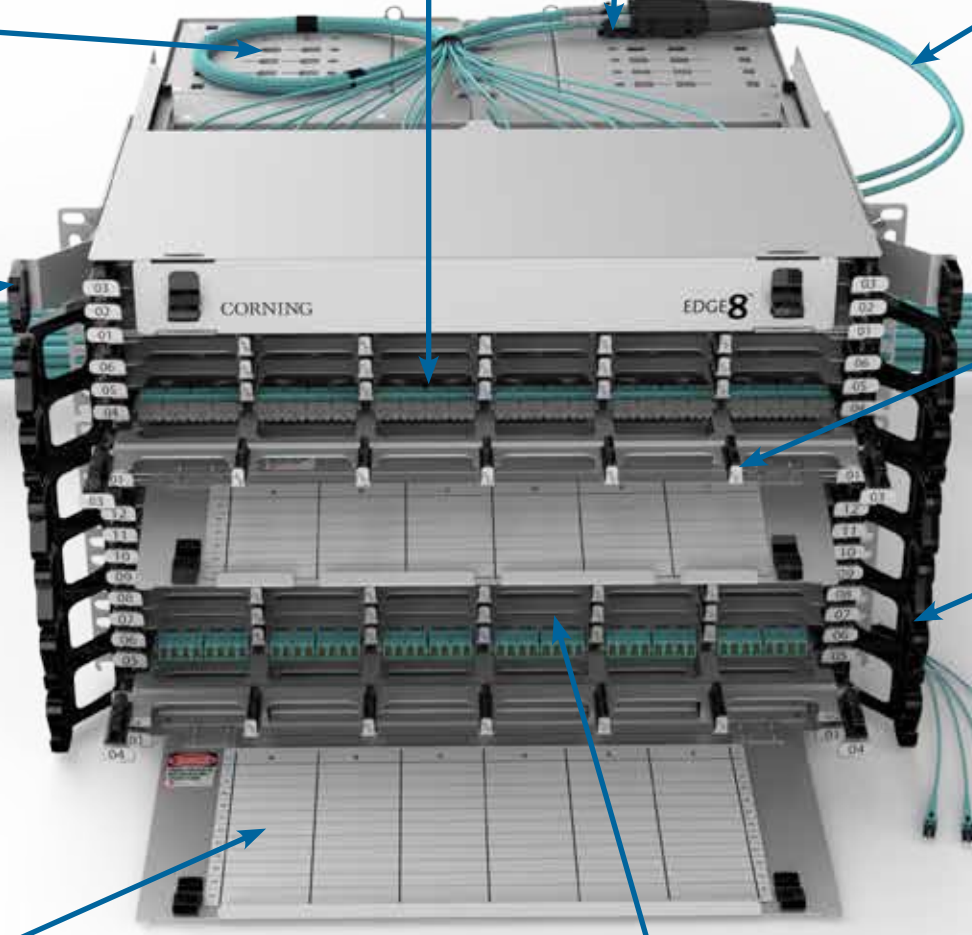
EDGE8™ housings are available in 1U, 2U, and 4U sizes featuring the same density as our EDGE™ HD housings.
1U = Up to 144f (LC duplex) or 576f (MTP®)
2U = 288f (LC duplex) or 1,152f (MTP)
4U = 576f (LC duplex) or 2,304f (MTP)

4-port MTP®-MTP panel with shuttered adapters.

Tool-less, snap-on integration clip. Allows easy addition and removal of trunks.

Base-8 pinned trunk with 8-fibre subunits.

Rotatable strain-relief plate for rear and side cable entry.



Identifying "8" on MTP slider on EDGE8 trunks, harnesses, and MTP patch cables.

Adjustable mounting bracket accommodates multiple cabinet depths; The bracket's keyhole mounting system allows for one-person installation.

6-slot pull-out trays allow for optimal finger access when adding and removing patch cables.

Top and bottom parking locations provide enhanced flexibility for managing trunks (4U housing only).

Patch cable routing guides work to ensure slack for proper sliding tray usage.

Reverse polarity uniboots for patch cables and harnesses.

Staggered 8-fibre LC harnesses for clean fit into system equipment.
1:1 port replication for all blades.

Label card provides 1:1 patching field representation; Online Excel templates can be generated to create master labelling.

Grey colour and imprinted "8" identifies the MTP to LC 8-fibre module as a Base-8 component.

Port breakout module features a unique LC shuttered adapter that inhibits contact with the connector ferrule.

8-fibre MTP to MTP patch cable, non-pinned.

Link Cost Savings

25 to 50% SAVINGS

100% fibre utilisation without the need for conversion modules results in 30% fewer MTP® connectors in the link.

Migration

100% FIBRE UTILISATION

Allows 100% fibre utilisation for 4-channel (SR4, PSM4, etc.) and 8-channel (SR8, LR8) applications.

Patch Cable Complexity

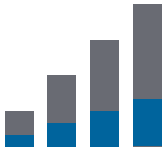
67% REDUCTION IN INVENTORY

Pinning the trunks allows for a single pinless patch cable deployment for all installations, reducing stocking and deployment complexity.

Reduced Link Attenuation

50% REDUCTION IN PARALLEL LINK

By eliminating the conversion modules, we cut the link attenuation in half resulting in longer parallel link distances.



30% REDUCTION IN DUPLEX LINK

By improving MTP-LC module insertion loss performance, we cut the link attenuation by 30% resulting in longer duplex link distances.

Port Mapping

OPTIMISED PORT BREAKOUT

For parallel to duplex breakout applications, the use of 8-fibre port breakout modules map 4-channel parallel protocols (SR4, PSM4, etc.) cleanly to duplex ports.

OPTIMISED HARNESS MAPPING

Allows for 24-, 32-, 36-, and 48-port blades on large chassis switches to be cabled with 8-fibre harnesses without having to deal with unused fibre/connectors.