

PRODUCT SOLUTIONS BRIEF
CORNING

DATA CENTER NETWORK MIGRATION



Through our strong global partnerships and alliances with manufacturers such as Corning, we are able to present you with the following offering to meet your specific data center requirements.

EDGE8™ Solutions

Corning's EDGE8 solutions combine all of the density, simplicity, scalability and modularity of Corning's EDGE solutions with the superior network scalability, improved link performance and 100 percent fiber utilization of a Base-8 design.

Corning's EDGE8 solutions further the value of Base-8 connectivity by providing outstanding value in three critical areas: asset utilization, technology adoption and risk avoidance.

CHALLENGE SOLVERS

Preparing for Changing Technology

100 percent fiber utilization without the need for conversion modules reduces MTP® connectors in the link by 30 percent

Planning for Network Changes

One system supports 10, 40 and 100G, which means no forklift upgrades are required.

Reducing Jumper Complexity

Trunks are pinned, which allows for a single pinless jumper deployment for all installations and which can reduce inventory by up to 67 percent.

Eliminating Stranded Cabling Assets

Optimized harness mapping allows for 24-, 32-, 36- and 48-port blades on large chassis switches to be cabled with 8-fiber harnesses with no unused fiber or connectors.



EDGE8 housings are available in 1U, 2U and 4U sizes featuring the same density as the EDGE HD housings.

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WHAT WE HEAR

Challenges from various data center stakeholders:



AMORTIZATION of cabling investment



Infrastructure **COMPLEXITY**



Restrictions of **LEGACY SYSTEMS**



SPEED of deployment



Pace of **INNOVATION**, adoption

THE ANIXTER APPROACH

High-Performance Structured Cabling

• **Network flexibility**

Apply designs to accommodate your performance requirements and highly scalable network architecture demands.

• **Cabling topology**

Determine the right choice for your computing requirements with careful consideration for end-of-row (EoR), middle-of-row (MoR), top-of-rack (ToR) or centralized cabling architectures.

• **Density demands**

Deploy scalable designs that accommodate for uncertain density requirements.

THE CORNING SOLUTION

ENCLOSURES

EDGE8 housings

CABLE AND ASSEMBLIES

EDGE8 cabling
EDGE8 harnesses
EDGE8 jumpers

MODULES

EDGE8 modules

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Infrastructure as a Platform
by Anixter

Infrastructure as a Platform by Anixter offers a standards-based, physical layer approach that provides a foundation to meet the high-performance computing demands of your data center.

CONFIGURE

We help you discover and map your specific needs to the best solution.

- EDGE8 housing
- EDGE8 trunks
- EDGE8 modules
- EDGE8 connector panels

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- EDGE™ FX solutions
- EDGE™ HD solutions
- EDGE™ SE solutions
- EDGE™ AO solutions

DEPLOY

Controlled, repeatable solutions are delivered on time and under budget.

- Custom packaging and labeling
- Time-sensitive delivery options
- Staged project shipping
- Tailored last-mile delivery

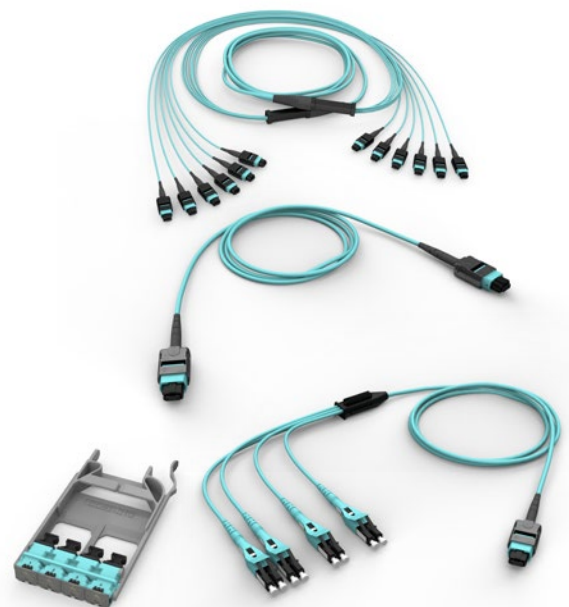
EDGE8 FEATURES

✓ NETWORK FLEXIBILITY

- Housings are available in 1U, 2U and 4U sizes
- Universal wiring to eliminate the need for field polarity management
- Multiple mounting options for custom cabinets and racks, and even overhead applications
- Tool-less, snap-on integration clip for easy addition and removal of trunks

✓ DENSITY DEMANDS

- 576 fibers in 4U housing for LC connectors
- 2,304 fibers in a single 4U housing utilizing MTP technology
- Easily accessible port access for the most usable high-density solution available
- Reduced cabling footprint for improved airflow



The EDGE8 solution includes connector panels, harnesses, jumpers, trunk cables and housings.

> FOR MORE DETAILS VISIT [ANIXTER.COM/SHOPCORNING](https://www.anixter.com/shopcorning)

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For over 30 years, Anixter has been the leading global, value-added distributor of physical layer communication infrastructure solutions for office, building and campus environments. As experts in large-scale project execution, we are a trusted supplier to leading communication integrator companies and have worked with many Fortune 500 companies.

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