

PRODUCT SOLUTIONS BRIEF  
CORNING

DATA CENTRE 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 centre requirements.

**EDGE™ SE Pigtailed Cassette Solution**

Corning's EDGE Solutions provide a variety of cutting-edge technologies for data centres and storage area networks (SAN) with four unique families to meet your network's unique requirements. The EDGE SE Solutions family creates new possibilities for customers who value the cable management and density of EDGE Solutions but require a field-terminated, fusion-spliced solution, making it perfect for micro and edge data centre applications.



EDGE HD solutions are high-density preterminated optical cabling solutions offering industry-leading connector density.

**CHALLENGE SOLVERS**

- A field-installable cabling system that offers tailored-length assemblies and eliminates slack concerns from incorrectly ordered pre-engineered lengths
- EDGE housings are mountable in 19-in. racks or cabinets and provide industry-leading high-density connectivity when combined with EDGE pigtail modules, trunks and jumpers
- High-density, easy-access hardware for better utilisation of rack space, generating higher revenue per rack unit without sacrificing functionality
- Specially designed indents in the shutters ensure that the end faces of the connectors are never touched, reducing exposure to dust particles and possible damage

**THE ANIXTER APPROACH**

- **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 centralised cabling structures.
- **Media selection**  
Choose the appropriate cabling media from twisted pair, optical fibre and direct attached to address high-speed bandwidth requirements.
- **Density demands**  
Deploy scalable designs that accommodate for uncertain density requirements.

**THE CORNING SOLUTION**

EDGE HOUSINGS	CASSETTE FIBRE COUNT	FIBRE COUNT (LC PIGTAILS)
1U	12 Cassettes	144 Fibres
2U	24 Cassettes	288 Fibres
4U	48 Cassettes	576 Fibres

CORNING

**WHAT WE HEAR**

Challenges from various data centre stakeholders:



**AMORTISATION** of cabling investment



Infrastructure **COMPLEXITY**



Restrictions of **LEGACY SYSTEMS**



**SPEED** of deployment



Pace of **INNOVATION**, adoption

**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 centre.

## CONFIGURE

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

- Housing
- Jumpers
- Bulk cables
- Cassettes

## BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- MTP® compatible connector
- EDGE™ pigtailed cassettes
- EDGE™ jumpers
- Bulk cable

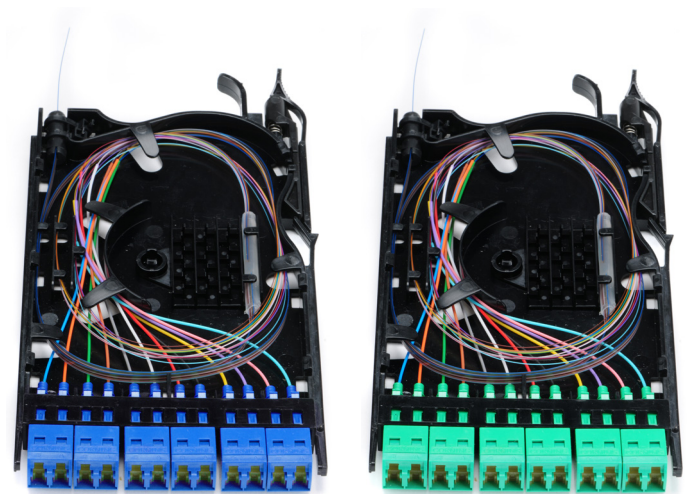
## DEPLOY

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

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

## CORNING EDGE SE FEATURES

- ✔ **INCREASE SPEED OF DEPLOYMENT**
  - Field-installable
  - Pigtailed cassette allows for resplicing opportunities from incorrect or poor splices
  - MTP connector modules mate directly to trunk to reduce overall link loss
- ✔ **ACCOMMODATE FOR DENSITY DEMANDS**
  - Utilises high-density, easy-access EDGE HD hardware
  - One metre of bare ribbon pigtail can be spliced directly to either ribbon or loose fibre cable
  - Adapters have hinged shutters that can be moved out of the way when connectors are inserted



EDGE SE pigtailed cassettes provide the interface between the trunk cable and the LC duplex jumpers to connect directly into the electronics.

➤ **FOR MORE DETAILS VISIT [ANIXTER.COM/SHOPCORNING/EMEA](https://www.anixter.com/shopcorning/emea)**