

Product Focus

EDGE8™ Solutions – Infinite Possibilities

The increasing adoption of cloud computing and the growing demand for virtualisation and video is driving the migration to faster transmission speeds and the continual evolution of standards for the data centre.

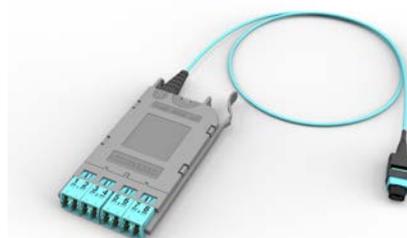


Corning's EDGE8 is the most future-ready data centre connectivity solution available for simple, efficient and cost-effective migration to transmission speeds up to 400 gigabits per second. EDGE8 is the industry's first modular, pre-terminated optical cabling system to feature an eight-fibre (Base-8) cabling design. EDGE8 solutions combine all of the density, simplicity, scalability, and modularity of Corning's EDGE solutions with superior network scalability and improved link performance. It provides a comprehensive solution for your connectivity from switch to switch

with ultra-low-loss components, including trunks, patch cords, modules and harnesses.

EDGE8 solutions strengthen your evolving data centre cabling requirements in three key areas:

- Risk avoidance: Provides a simple migration path to 40G, 100G and even 400G speeds
- Increased asset utilisation: Provides reduced patch cable complexity and eliminates unused cabling assets
- 100% fibre utilisation: No conversion modules are needed for higher speed technology adoption saving costs and reducing insertion losses



Eight-fibre MTP® connectors make it easy to match the fibre count in the backbone of data centre networks and SANs with today's Base-8 QSFP transceivers. This results in 100% fibre utilisation, streamlined 1:1 port mapping, and up to 50 percent reduction in link attenuation through the elimination of conversion modules.

EDGE8 trunks are pinned allowing for a single pinless patch cable deployment for all installations, reducing deployment complexity and inventory.

EDGE8 also provides optimised harness mapping for large chassis switches and 24, 32, 36 and 48-port blades using 8-fibre cable harnesses resulting in no unused fibres/connectors.

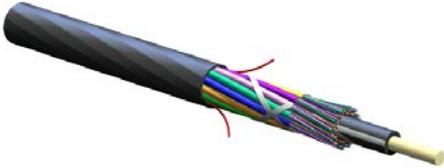
Further information on Corning's new EDGE8 solution can be found below:

- [EDGE8 Website](#)
- [EDGE8 Solutions Value](#)
- [EDGE8 Solutions Brochure](#)
- [EDGE8 Solutions Components](#)
- [EDGE8 Online Catalogue](#)

Product Updates

LAN Product and Content News:

MiniXtend® Cables - 144 fibres in cables with only 8 mm outer diameter



Corning MiniXtend fibre optic outdoor cables are typically used where the available duct space is limited. The cables are up to 50% smaller than standard loose tube cables and offer high-fibre-counts in a small cable diameter footprint.

- [MiniXtend® Cable, CT](#) (Central Tube) and [MiniXtend® Cable, LT](#) (Loose Tube) construction are available with fibre counts of 12 to 144 fibres
- The very small cable outside diameter of MiniXtend cables enables higher density and lower deployment costs. (e.g. Central tube 12 fibres in 2.5mm; loose tube 96 fibres in 7.7mm)
- Low friction PE jacket designed for easy installation in microduct systems using air-assisted installation methods
- Dielectric armouring needs no grounding or bonding
- MiniXtend cables with [Corning SMF 28e® ULTRA](#) optical fibre provides a slim, light cable that offers the industry's lowest-loss and best macro-bend performance
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Visit our online catalogue for an example of [MiniXtend cable with 144 fibres](#).

FutureCom™ S/FTP AWG26 Cat.6_A Copper Cable

This shielded Cat.6_A copper indoor cable is designed for Gigabit and 10 Gigabit Ethernet applications. Key features include:

- Supports Power over Ethernet (PoE / PoE+)
- Streamlined construction and low weight results in less packaging and lower transportation costs
- Smaller diameter supports improved air circulation, contributing to reduced energy consumption
- Exceeds Cat.6_A performance when used in conjunction with other Corning hardware

Visit our [online catalogue](#) for further information.

UniCam® Connectors and Accessories – Now Available for FastShip



Corning UniCam connectors provide a fast, easy and reliable field-termination solution that is ideal when project setup time for fibre connectivity is crucial. The UniCam Connector is the most widely deployed “no-epoxy/no-polish” (NENP) connector available, because it's fast, it's easy and it's built on Corning's unparalleled fibre optic quality and expertise.

Now your day-to-day project requirements can benefit from our FastShip programme:

- Expedited shipping of assorted UniCam connectors and accessories within 72 hours ready to ship from our fast assembly lines and in-stock product assortment.

View our [UniCam FastShip Flyer](#) for further information on the parts available with FastShip.