

Corning Enterprise Newsletter



Product Focus

The Pretium EDGE® Advanced Optics (AO) Solutions

Corning Pretium EDGE® Advanced Optics named Datacentre Cabling Product of the Year 2014

Corning Optical Communications triumphed at the 2014 Datacentre Solutions Awards winning Datacentre Cabling Product of the Year. The gala event was held in London in front of a packed audience of datacentre professionals and fellow industry peers.



Provides simple and cost effective migration to 40G and 100G.

- Improves infrastructure ROI by 30 - 50%
- Speeds up installation by 35%

Provides an integrated port tap for monitoring higher speed connections.

- Saves costs and reduces downtime

[Download our solution sheet for more Information](#)

The Pretium EDGE AO solution enables the next level of performance in your datacentre and storage area network (SAN), while providing unequalled rack density, improved airflows, ease of access, quick deployment and simpler moves, adds and changes (MACs).

The solution offers the ability to support quick and easy migration to parallel optics for datacentres and SANs:

- Simply swap out the modules and harnesses
- Leave your hardware and trunk cables in place
- Maintain 100% fibre utilisation
- Fully manage link polarity with the ability for easy onsite changes
- No increase in rack space



The Pretium EDGE AO solution provides significant density through innovative wiring and flexible design options to suit your particular needs:

- Cross connect with a module-based design to give capacity for 72 x 40G ports in a 1U footprint
- Deploy a harness-based design to increase capacity to 108 x 40G ports in a 1U footprint
- Support high-density multi-fibre termination push-on (MTP), mass fusion splicing and single fibre terminations in the same housing
- Innovative universal wiring in cable modules and reversible adaptors, fully manage optical polarity of links avoiding the need for different module configurations or lengthier MACs

The Integrated EDGE TAP Module enables non-disruptive monitoring of higher speed connections:

- The first integrated port tap module for network monitoring of Ethernet 40GBASE-SR4 multimode fibre circuits
- A Zero U Device integrated into the structured cabling avoids the cost of external optical splitters and additional links in alternative solutions that increase the likelihood of network downtime and optical loss
- We can support 72 x LC Duplex LIVE and 72 x LC Duplex TAP ports in a 1U housing and it maintains Universal Polarity for simple integration
- Our high performance splitters provide reduced insertion loss enabling extended reach of links

Visit our [website](#) for further information.

Product Updates

Data Centre Product and Content News:

New Case Study - Tissat

Our case studies enable organisations with datacentre cable infrastructure challenges to better understand how other companies are using Corning products and solutions.

The latest published case study focuses on Tissat's Walhalla datacentre in Valencia, Spain. The new Tier IV midsize datacentre addresses the market need for cloud services and deploys the latest eco-efficient technologies in order to cut energy consumption. [Click here](#) to download the case study.

LAN Product and Content News:

Just in Time for Summer: The Latest CCH Fibre Optic Housings from Corning

Corning CCH housings come with transparent removable covers to provide more visibility and easier access.

With more than 25 unique features Corning CCH housings save time and space, and reduce risk of disturbance with MACs.

- You can splice outside the housings saving time and space. Splice Modules with built-in splice tray ensure that fibres are properly installed without disturbing connectivity
- Removable covers, sliding trays, segmented routing guides, jumper guides, multiple label locations and pull out label cards are among the many features that support easier installation and troubleshooting

The 1U-4U CCH housings accept a comprehensive range of Connector Panels, Splice and Plug & Play modules. Further information can be found using the following links:

[CCH Hardware in the Corning Online Catalogue](#)

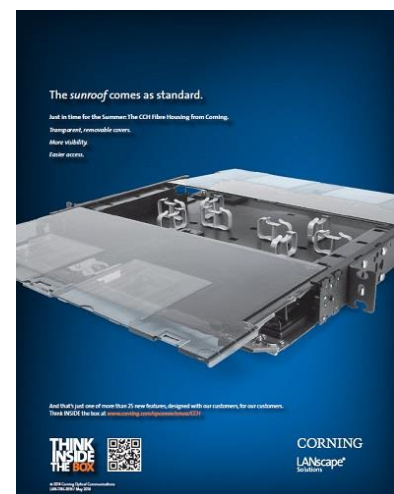
[CCH Features and Benefits Flyer](#)

[CCH Resources](#)

Do you need information on how to install a CCH splice module or reconfigure the housing to install adapter panels for direct termination?

[View our YouTube videos on CCH housing family, installation methods, splice modules and more](#)

We have a wide range of on demand installation videos to help you. Visit our website or our YouTube channel and subscribe today!

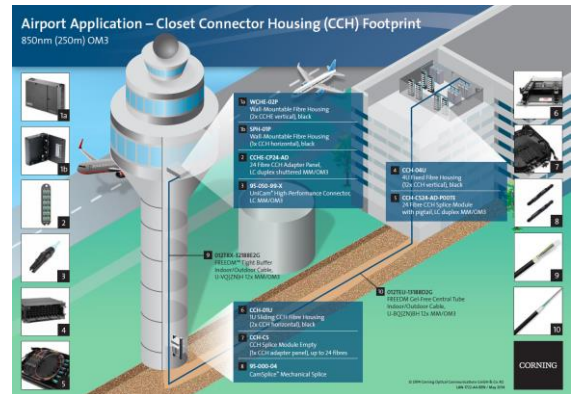


[Corning Video Library](#)
[Corning YouTube Video Channel](#)

CCH Housings in an Airport Application

The flexible and feature-rich CCH housings are enabled to be used in a wide variety of applications.

Download our [airport application line card](#) to view how a typical CCH installation can be deployed within an airport control tower environment.



Housings with CCH Footprint for Indoor and Outdoor Applications

Corning offers other housing types with the CCH footprint for mixed indoor/outdoor or pure outdoor applications. Such as:

[Environmental Distribution Centre \(EDC\)](#) housing, which provides protection from corrosion, rain, sleet and windblown dust to NEMA 4X or IEC IP66 standards. The EDC supports 2, 6 or 12 standard CCH panels and matching splice cassettes.

These housings are ideal for industrial, marine, security or traffic control applications.

For further information on wall-mountable hardware with CCH footprint, please view our [online catalogue](#).

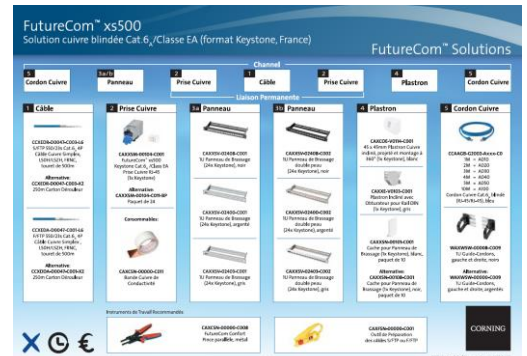


Copper Cabling Update

Solution Cuivre blindée Cat.6A/Classe EA

Une solution de câblage en cuivre blindé est disponible en Cat 6A/ Class EA, avec des câbles S/FTP et F/FTP 550, des prises xs500 (Keystone) et des plastrons 45X45mm.

[Veuillez cliquer sur le lien](#) pour accéder à notre ligne de produits et voir la solution S500 Cat 6A/ Class EA qui a le format LANscape®.



REELEX® Packaging on Copper Cables

Did you know that Corning offers copper cable in handy REELEX Boxes?

- Easy to transport
- Easy to deploy with no tools to unwind
- Available in 2 box sizes

250m - part number ends with -X2
 305m - part number ends with -X1



Check out the official [YouTube video on Reelex® technology](#) and see the difference it can make in the field.