



## Product Focus

### Distribution

Distribution is central to Corning's go-to-market strategy and success. Corning works closely with 29 distribution partners across 38 countries in the EMEA region to embrace and enhance the delivery of our core LAN and Data Centre products.

Our authorised distribution partners can offer a variety of value added services from stocking local inventory to helping customers specify solutions and make informed purchasing decisions. Together with Corning's network of preferred installers (NPI), end-user organisations benefit from high availability and fast supply, through to planning, building and supporting their LAN or data centre cabling infrastructure.

Authorised distributors meet our requirements for financial strength, market access, product knowledge and specific commitments to stock levels for the supply of Corning's Core LAN and Core Data Centre products.

A list of authorised distributors across EMEA, searchable by country, can be found on our [website](#).

Download our [LAN Core Products Catalogue](#)

Download our [Data Centre Core Products Catalogue](#)

### EMEA Distributor of the Year 2015

Corning will be introducing a new programme for EMEA Distributor of the Year 2015. This award will be open to all distributors and will recognise the achievements made through working in partnership with Corning. Further information will be communicated to distributors early in the next year.

For all distribution enquiries please contact the Customer Service team or email us at [emea@corning.com](mailto:emea@corning.com)

## Product Updates

### Data Centre Product and Content News:

#### New Generation of High Fibre Count Data Centre Trunks

The largest data centres now support tens of thousands of fibre links. In order to efficiently manage the deployment of large numbers of trunks between equipment racks, zones and data halls, Corning is introducing a new generation of preterminated MTP® to MTP high fibre count cables.

This high-density modular approach manages the increased scalability of high fibre counts in mega data centres, enabling faster deployment and minimising the number of cables.

The new high fibre count trunks will be available with 288, 432, 576, and 864 fibres. During installation, all legs and connectors will be protected with a waterproofed pulling grip on one or both ends of the cable.



#### Technology News:

#### Arista and Juniper announce 40G duplex OM3/OM4 transmission solution

Arista and Juniper have each announced a new 40G transmission solution for duplex applications based on multimode fibre (OM3/OM4). Both solutions utilise a 40G (four times 10G) coarse wavelength division multiplexing (CWDM) single-mode launch into the OM3/OM4, providing unidirectional transmission of the four 10G wavelengths on each multimode fibre. The 40G CWDM technology is different to that used in the Cisco 40G BiDi multimode transmission solution. As such, the transmission solutions are for use in homogenous vendor switch deployments only, e.g. Juniper-to-Juniper.

#### What does Corning recommend?

Corning continues to encourage the use of MTP trunks and MTP-LC modules for structured cabling design based on data centre standards TIA 492-A and ISO/IEC 50173-5. This structured cabling approach provides the highest flexibility and allows the end user to deploy 40G 2-fibre multimode or 40G 8-fibre parallel multimode. The new 40G CWDM transmission solutions work well on existing pre-terminated systems with MTP connectors and 4 module links with an integrated MDA. However, when links between different switch vendors are required, e.g. Juniper to Cisco, then 40G parallel transmission needs to be implemented.

Please consult our [white paper](#) for further information.

#### Cisco QSFP BiDi Transceiver Technology and Corning BiDi Tap Modules

The Cisco QSFP 40-Gbps Bidirectional (BiDi) Transceiver has been developed for short-reach Ethernet or Fibre Channel over Ethernet (FCoE) applications using OM3/OM4 multimode (MM) fibre.

The new Pretium EDGE® BiDi Tap Module provides passive optical tapping of networks that use Cisco's new 40G BiDi transceiver for Duplex connectivity.

The Pretium EDGE BiDi Tap Module is also available in two versions to address both preterminated MTP® connector-based cabling or pure LC duplex infrastructures.

Corning worked closely with Cisco to perform validation testing of the Cisco BiDi optics with Corning's connectivity solutions, including the Pretium EDGE BiDi Tap Modules for the monitoring of network links.

Download our [whitepaper on BiDi distance capabilities](#) for preterminated or field terminated solutions.



## LAN Product and Content News:

### Introducing new WCH Hardware design for Wall Mount Housing

Corning wall-mountable housings provide interconnect or cross-connect capabilities between the outside plant, riser, or distribution cables and the opto-electronics. The new WCH hardware design complements the existing WCHE classic design, to provide two different choices of hardware to suit your particular requirements:

- The new WCH design is ideal for fusion splicing applications and allows field termination
- The classic WCHE design is ideal for field termination applications

The new WCH hardware is versatile, easy to use and intuitive:

- 40% reduction in overall splicing installation time
- Fewer parts to order when utilising pigtailed splice module
- Single person installation of housing requiring fewer tools
- Redesigned cable entry results in less rework and quicker installations
- Configurable routing options customisable for your requirements
- Transparent door (similar to CCH housings) and easier strain relief
- Simple tool-less conversion of housing for splicing option

The new WCH versions for 2P, 4P and 6P accept [CCH Adapter Panels](#), [CCH Splice Modules with Pigtails](#) and [CCH Termination Cassettes](#) (instead of single splice trays).

Further Information on the new WCH can be found below:

- [WCH-02P Features](#)
- [WCH-04P and WCH-06P Features](#)



### The ALTOS<sup>®</sup> Polyamide Cable Family for Harsh Environments

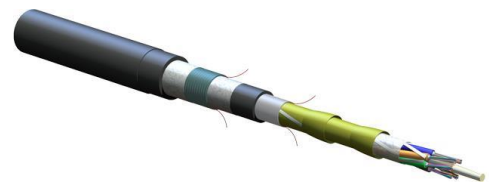
Corning's Altos Polyamide cable family offers the ideal ruggedised products necessary to endure the environmental and mechanical rigours prevalent in the Oil and Gas industry, to ensure optimal network uptime and high reliability.

Features and benefits of these cables include:

- The use of a polyamide jacket instead of lead sheathing makes the cable easier to handle and install, reducing health hazards and risks
- Polyamide provides protection from hydrocarbons and destructive insects such as termites, preventing risk of disruption to networks
- Corrugated steel tape armouring in the cable reduces the risk of inadvertent fibre damage, enabling its use for light or heavy duty industrial direct buried applications
- The high-density polyethylene inner and middle jacket with extra aramid yarns provides the high-tensile strength and crush resistance that allows the cables to be installed where they are exposed to higher vertical forces
- The advantages of larger bandwidths in a smaller footprint, save space, weight and installation time

Further information can be found in our online catalogue:

- [Oil & Gas Light Duty](#)
- [Oil & Gas Heavy Duty](#)



### UniCam<sup>®</sup> Connectivity Solutions - New Line Card

The [new Line Card](#) shows the full solutions from panels and adapter modules through to tight buffer cable and UniCam connectors. It includes the range of OM3 High-Performance and the new OM2 Standard-Performance UniCam Solution.

For further information on UniCam connectivity solutions please consult the following resources:

- [UniCam Installation Videos](#)
- [UniCam Training](#) - available in a variety of languages
- [IP Surveillance Line Card](#) -available in English, German and French languages
- [UniCam Termination Solutions Guide](#) - available in English, German, French, Italian and Spanish languages
- [UniCam Resource Centre](#) including FAQs
- [UniCam Tool Kit Registration](#)

### **Solution Cuivre blindée S250 Cat.6/Classe E**

[Une solution de câblage en cuivre blindé](#) est disponible en Cat 6/ Class E, avec des câbles U/FTP et F/FTP, de prise S250 et des plastrons 45X45mm.

Veillez cliquer sur le lien pour accéder à notre ligne de produits et voir la solution [xs500 \(format Keystone\)](#) ou la solution [S500 \(format LANscape®\)](#) Cat 6A/ Class EA.