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Product Focus

Total Quality – Innovation

Total quality is the guiding principle of Corning's business ethos. It requires our teams and individuals to understand, anticipate, and surpass the expectations of our customers, and demands continuous improvement of all our processes, products, and services.

You can now access our new [EMEA Certificates Centre to see the quality certifications we have received through external sources](#).

This year marked the 45th anniversary of Corning's invention of [the first low-loss optical fibre](#). This invention began a communications revolution that forever changed the world. Watch our '[At the Speed of Light](#)' video to see some of the ideas we have regarding the future of communications.

Our culture of innovation and our close collaboration with customers to solve their tough technology challenges has enabled us to develop breakthrough optical fibre solutions that address enterprise and carrier needs of today, while being future-ready for tomorrow. Our continuous improvement and innovation has been demonstrated through the introduction of many new products and services this year, including:

- [EDGE8™ solutions](#), which addresses the ever-increasing transmission speeds and evolving standards in the data centre
- [Corning® SMF-28® Ultra Fibre](#), providing 33 percent better bend performance and industry-leading low attenuation for extended reach
- The [FastShip and FastConnect Programmes](#) that expedite product delivery to help you meet tight project installation timeframes

Our [cabling solutions](#) form the backbone that connects businesses, homes, and people around the globe.

- One-stop shopping for all your cabling needs, enabling voice, data, and video communications to meet the demands of many network applications.
- A broad portfolio of end-to-end fibre solutions for communications networks in the LAN, campus and data centre, as well as for telecom and cable operator backbone and access networks including fibre to the home (FTTH).

We manufacture the products that we sell, including the fibre, and in many cases in our manufacturing plants in Europe. We can apply total quality across all processes from research and development right through manufacture to delivery and customer service.

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Product Updates

LAN Product and Content News:

Flame-Retardant Light/Heavy Duty Cables for Oil and Gas

Corning's flame retardant loose tube cables with polyamide jacket are designed for indoor /outdoor use where resistance against hydrocarbons is required. They are ideal for use in oil and gas installations and alongside pipelines.

By using polyamide instead of a heavy lead sheath, these cables are easier to handle, prepare, and install. Together with 100 percent halogen-free jacket materials, they are also less hazardous for personal health and for the environment.

Just look at these advantages and benefits:

- Up to 50 percent lighter than steel wire armoured (SWA) cable, for easier handling and lower transportation costs
- Save approximately 30 minutes in cable preparation compared to SWA cables, with no special tools required
- Use with small ducts sizes as they have 33 percent smaller outer diameter compared to industry alternatives
- Gain an extra 3 dB span margin with SMF-28® Ultra fibre compared to standard single-mode fibre when used over a 100 km link
- Provide up to 30 percent wider temperature range than comparable SWA cables, making it less dependent on application and environmental factors
- Provide high tensile strength and crush resistance, allowing the cables to be installed where they are exposed to higher vertical forces

For more information please visit our online catalogue using the following links: [light duty cables](#) and [heavy duty cables](#).

Goodbye XB, Hello Ultra!

As mentioned in the previous newsletter editions, we are obsoleting the Corning ClearCurve® XB Optical Fibre across our portfolio of Singlemode products by 31st of December 2015. The Corning SMF-28® Ultra Fibre, that combines industry-leading low attenuation and enhanced bend performance, is the replacement.

The change has triggered the creation of new part numbers in all of our fibre optic cable families. Fibre optic cable assemblies as well as hardware that included ClearCurve XB will from now on be delivered with SMF-28 Ultra - without any effects on part numbers or pricing. This includes the Singlemode products of the EDGE solution.

A Splice in Time

What has an average "blind" splice loss of 0.3 dB or less and takes under two minutes to install?

The answer is

- Corning's CamSplice™ mechanical splice for both multimode and single-mode fibres. It's fast, reliable, and requires no adhesive, no polishing, and no special tools.

You can provide simple low-loss reliable fibre splicing in the field. You may find it extremely useful for quick emergency restoration of fibre connections, or those awkward transition splices between outdoor and indoor cables. Plus, don't forget the occasional fibre splices where temporary system testing is needed in a lab.

It features a "cam" locking mechanism, which requires no adhesive, and a unique fibre alignment method that self-centres the fibres to provide extremely accurate alignment. Use the links below to find out more useful information:

- [CamSplice™ Mechanical Splices \(6 per pack\)](#)
- [CamSplice™ Mechanical Splice Assembly Fixture](#)

The Cable with A Peel

Which cable technology changed the way installers access outside plant cables and still allows the cables to meet or exceed all standard industry performance criteria?

You may have guessed, it's

- ALTOS® loose tube, gel-free, all-dielectric cable with **FastAccess™**. It's durable and easily peelable.

The innovative FastAccess technology feature combined with the all-dielectric gel-free loose tube design simplifies removal of the cable jacket, reducing cable end access time by at least 50 percent.

How do you create an outside plant cable jacket that provides all the durability of traditional jackets but peels away on command? [We'll show you how.](#)

[Watch how](#) ALTOS cable with FastAccess technology is put to the test under extreme, real-world conditions.

For further information:

- Read our [Frequently Asked Questions \(FAQs\)](#) on ALTOS cable with FastAccess technology.
- Visit our [online catalogue](#).

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An Interview with Alicja Okulicz-Walencia

Quality Director for Corning Optical Communications



What is your role at Corning?

As Quality Director for Europe, Middle East, and Africa (EMEA), I am responsible for developing the quality strategy, the integrated management system for quality and environmental product compliance, and the programmes that are initiated across the region.

I manage a team who reports directly to me as well as the quality responsible team members in each manufacturing plant and the technology centre.

What do you enjoy about your role?

It's great to work in the quality department within Corning, as quality is integrated into the business ethos. Our product quality architecture focuses closely on understanding customer needs and expectations and transferring those needs into innovative solutions.

I also enjoy my role because quality is prioritised throughout the organisation and therefore built into all processes and products. I am able to work across the region with the different teams in various locations and on a wide range of products. Plus, I have the responsibility to share best practices amongst those teams.

I really appreciate the level of direct contact with our customers that I have in this role. It is a great way to understand expectations during audits and product qualifications. This helps to develop a strong relationship built on mutual trust between Corning and our customers.

What have you been working on?

We are at year-end so there is a focus on looking ahead to programmes for 2016. A key activity is the certification of our integrated management quality system for compliance with the new revisions to ISO9001 and ISO14001 standards, which were issued in 2015. These revisions involve big changes in end-to-end processes from the voice of the customer through to customer satisfaction.

In addition, we are working on meeting the requirements of the new [European Construction Products Regulations](#) (CPR), which also need to be built into the quality management system. Finally, we have been working on the new [EMEA Certificates Centre](#) where you can find certifications on quality and environmental management within Corning Optical Communications.

What do you do to relax outside of work?

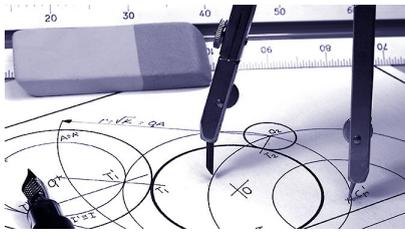
I enjoy travelling and learning about different cultures, meeting people and enjoying diverse types of food. I am addicted to reading, so I always have my e-book reader when on business trips and vacations. As you may be able to guess I have a passion for people and understanding them, so I read books spanning different genres, including dramas, diaries, biographies, and business leadership. I also like to spend time at home with my family and my two cats - Beta and Emka - as well as getting involved in a spot of gardening.

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Additional News

Corning is committed to being your primary resource for fibre and copper data cabling. Whether you are an IT consultant, planner, architect, or end-user, our services are designed to make your life easier by giving you the best possible support for your day-to-day challenges. That's why we have two great new resources:

New Online Product Drawings Resource Centre



The [EMEA Drawings Resource Centre](#) provides a complete source for our optical and copper hardware component drawings for Corning LANscape® and FutureCom™ solutions.

The two-dimensional and isometric hardware products drawings are available in various formats (PDF, DXF, VSS, BIM) and can be downloaded for easy insertion in bid specifications and designs.

The Online Certificates Centre



The recently launched [EMEA Certificates Centre](#) provides a central source to view fibre optic and copper connectivity product as well as company specific certifications. This includes:

Vendor-independent and impartial test lab certifications issued for specific Corning products.

Certifications on quality and environmental management within Corning Optical Communications.

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Catch Corning

Watch our latest webinar recordings below:

- [FastShip – Fibre Cable and Hardware in 72 hours](#)
- [Passive Optical LAN \(POL\) in cooperation with Zhone](#)
- [EDGE8™ Solutions](#)
- [How to obtain relevant and credible fibre test results](#)
- [Copper testing - get it right the first time](#)
- [Fluke OTDR Testing](#)

Sign up already for our first See the Lightsm webinar of the new year!

Passive Optical LAN (POL) in cooperation with Zhone

Learn more about an alternative backbone technology revolutionising the structured cabling approach for campuses, offices and hospitality areas. The webinar is presented in cooperation with Zhone Technologies, an active network equipment vendor.

To attend please preregister by sending an email to Jan Ziegler (zieglerj@corning.com).

Language: English

Duration: 30 minutes, plus Q&A at the end

Date: 20th January 2016

Time: 9:30 - 10:15 GMT (London), 10:30 - 11:15 CEST (Berlin), 1:30 - 2:15 GST (Dubai)

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