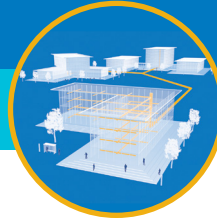**ANIXTER**

PRODUCT SOLUTIONS BRIEF
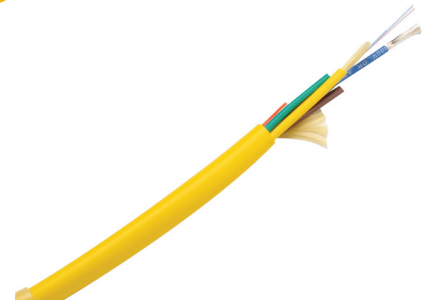# CORNING

HIGHER EDUCATION NETWORK PERFORMANCE

Through our strong global partnerships and alliances with manufacturers like Corning, we are able to present you with the following offering to meet your specific campus facility requirements.

Converged Networks

From fiber optic connectors to cable to hardware, Corning offers the products and solutions you need to meet LAN demands today and in the future. We can help you plan for and easily implement the moves, adds and changes (MACs) that are so prevalent in campus and building backbone applications or help you design a complete fiber optic system for a new build.

Alongside a system's backbone, Corning's Optical Network Evolution (ONE™) is a complete future-ready solution for enterprise and wireless operators and is the first all-optical cellular, Wi-Fi and Ethernet backhaul solution. Built on an all-optical backbone with modular cellular service support from the headend to the antenna, ONE meets all enterprise networks' cellular, bandwidth and application needs.

CHALLENGE SOLVERS

- Affordable scalability and continuous stability
- All-optical infrastructure with unlimited bandwidth and extended reach to support multiple in-building applications including Wi-Fi, cellular and other IoT applications
- Superior signal integrity
- Lightweight, easy to install and pre-connectorized to reduce installation and labor costs
- Convergence of applications in conduit and IT closets creates space savings and an easy-to-upgrade architecture
- Small diameter/reduced footprint for space constraints
- Differentiated management software providing end-to-end remote monitoring

THE ANIXTER APPROACH

- **Network Flexibility**
  Apply open-architecture designs to accommodate your performance requirements for a highly scalable network.
- **Media Selection**
  Choose the appropriate physical media from twisted-pair and optical fiber to support both wireless and wired connectivity.

- **Cabling Topology**
  Select an application-independent cabling architecture to support inter- and intra-building network connectivity.
- **Wireless Mobility**
  Determine your migration path for wireless connectivity to support a device-dependent and multiscreen environment.
- **Application Support**
  Deploy scalable designs that can support multiple and varied applications over wired and wireless connectivity solutions.

Corning Cables with FastAccess® Technology

CORNING

WHAT WE HEAR

Challenges from the various higher education stakeholders are:

MANAGING DATA and governance

Meeting **WIRELESS CONNECTIVITY** expectations

Supporting new **LEARNING MODELS**

Leveraging **ANALYTICS** to improve performance

Coping with **INCREASING BANDWIDTH**

THE CORNING SOLUTION

CABLES	HARDWARE CONNECTIVITY	ACTIVE ELECTRONICS
Indoor/outdoor optical	Wall/rack mount	Headend unit
ClearCurve® fiber	Indoor/outdoor	Optical interface unit
Composite plenum	Field termination	Interconnect unit
Comprehensive portfolio	Fusion splice	Remote access unit

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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 networking demands of your campus environment.

CONFIGURE

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

- Active electronics
- Cabling requirements
- Fiber housing type
- Accessories

BUNDLE

Your validated, preconfigured solutions are packaged and site ready.

- Fiber and cable
- Hardware and connectivity

DEPLOY

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

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

CORNING CONVERGED NETWORKS FEATURES

✓ **COMPREHENSIVE SOLUTIONS AVAILABILITY**

- Regardless of installation application and environment, Corning's product portfolio meets any project's needs.
- Bend-insensitive optical fiber allows for flexibility of installation and long-term reliability.
- Field terminated or preterminated solutions are available, catering to the needs of your installer base.

✓ **SEAMLESS NETWORK INTEGRATION**

- The platform transmits wireless services and data over the fiber optic infrastructure.
- Easily deployable via a wide range of preterminated composite cables.
- Corning Plug & Play™ connectivity significantly reduces installation cost and deployment time.
- Fiber-to-the-edge technology allows for virtually unlimited bandwidth.

Corning® ONE™ Mid-Power Remote Unit

⟩ FOR MORE DETAILS VISIT ANIXTER.COM/SHOPCORNING

At Anixter, we enable the connected world. By building, connecting, protecting and powering valuable assets and critical infrastructures, we help to sustain and grow businesses and communities worldwide. We accomplish this by offering full-line solutions, technical intelligence, supply chain expertise and an unmatched global distribution network.

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