

PRODUCT SOLUTIONS BRIEF  
**CORNING**

**COMMERCIAL BUILDING WORKFORCE PRODUCTIVITY**



Through our strong global partnerships and alliances with manufacturers such as Corning, we are able to present you with the following offering to meet your specific commercial building requirements.

**Corning® Optical Network Evolution (ONE™)**

Corning’s Optical Network Evolution 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, the Corning Optical Network Evolution meets all of the cellular, bandwidth and application needs of enterprise networks.



Corning ONE Mid Power Remote Unit

**CHALLENGE SOLVERS**

- Convergence of passive optical LAN (POL), Wi-Fi and cellular saves space by reducing or eliminating equipment in the telecommunication closet.
- Modularity and preconnectorized fiber solutions save time by eliminating fiber splicing time.
- An all-optical infrastructure provides unlimited bandwidth and extended reach to support multiple in-building applications including DAS, Wi-Fi and other IP services.
- The platform includes advanced features such as capacity steering and femtocell listening mode for small cells, making it the ideal, scalable solution to efficiently enable all of the enterprise network’s wireless services with the coverage and capacity needed for high-quality service.

**THE ANIXTER APPROACH**

- **Network accessibility**  
Apply designs to accommodate your performance requirements and overall cell coverage in your building.
- **Scalable growth**  
Determine the right choice to support the capacity increases of multidevice and BYOD environments.
- **Unified communication**  
Choose the appropriate communications equipment to provide a high-quality voice, data and video experience for employees.

**THE CORNING SOLUTION**

**ACTIVE ELECTRONICS**

Headend unit  
 Optical interface unit  
 Interconnect unit  
 Remote access unit

**CABLES**

Plenum optical  
 MTP fiber  
 Composite plenum  
 LC/APC






**FIBER HOUSING**

Armored, nonarmored  
 1U: 144 fibers  
 2U: 288 fibers  
 4U: 576 fibers

**CORNING**

**WHAT WE HEAR**

Challenges from the various commercial building stakeholders are:

-  Supporting a **BYOD** environment
-  Providing seamless **NETWORK AVAILABILITY**
-  Achieving **REGULATORY COMPLIANCE**
-  Restrictions of **LEGACY SYSTEMS**
-  Enabling **COLLABORATIVE** business communication

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**Infrastructure as a Platform**  
 by Anixter

Infrastructure as a Platform by Anixter provides a practical, configurable and integrated approach to supporting advanced mobility and communications in your commercial building.

## 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.

- Racks and cabinets
- EDGE™ HD
- Network test equipment
- Cabinet PDUs

## 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 ONE FEATURES

### ✓ PROVIDES SEAMLESS NETWORK AVAILABILITY

- Selectable cell, PCS, AWS and 700 service that provides support with optional GigE and PoE+
- Easily deployable via a wide range of preterminated composite cables
- Plug & Play™ connectivity that significantly reduces installation cost and deployment time
- Configurable service group management

### ✓ SUPPORTS A BYOD ENVIRONMENT

- The platform transmits wireless services and data over the fiber optic infrastructure.
- Gigabit Ethernet support enables offload, expansion and best-use of Wi-Fi resources.
- The modular design optimizes cellular service enhancement and simplifies upgrades.
- Fiber-to-the-edge technology allows for virtually unlimited bandwidth.



Corning Optical Network Evolution (ONE)

➤ **FOR MORE DETAILS VISIT [ANIXTER.COM/SHOPCORNING](http://ANIXTER.COM/SHOPCORNING)**

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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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