



CORNING

Evolving your network for future success

No matter your challenge, we're there for you at every turn.

Today's multiservice operators (MSOs) face great opportunities and challenges in our multidevice and multimedia world. Growing residential and business demand for applications and services – from HDTV to video-rich unified communications – all point to the same fundamental requirements: high-bandwidth connectivity and real-time interactivity.

As an MSO, when it comes to deciding how your network will deliver on those demands, you have choices. Whether you're looking to evolve your headend, expand your existing hybrid fiber-coaxial (HFC) network, or bring fiber all the way to the home with radio frequency over glass (RFoG) or passive optical network (PON), Corning is here to support your goals, meet your network demands, and help you stay ahead of the competition. Whichever path you choose, we can help you move in the right direction with proven products, best-in-class services, and a customized approach.

Headend

How will your headend evolve to meet customers' demands?

As today's headends function more like data centers, they must evolve to be more dense without requiring an increase in headend footprint. To support increased internet traffic cost effectively, many MSOs are moving toward network function virtualization (NFV) and software-defined networking (SDN) — each of which comes with its own set of challenges.

Corning can help.

Whether you're looking to preserve as much of your existing headend assets as possible, or seeking to integrate wavelength division multiplexing (WDM) components into hardware solutions, Corning is ready to help you identify and implement the right path for a future-ready headend, based on your current investments as well as your goals.



Hybrid Fiber Coaxial (HFC) Network

Is utilizing your existing HFC architecture a possibility?

The answer is yes! Migrating to a fiber deep architecture may be the next best pathway in your network evolution. Fiber deep architecture leverages existing copper and fiber assets, while bringing fiber much closer to the subscriber. This creates smaller service groups and greater bandwidth.

Corning can help.

With products, like our hardline and drop RF coaxial connectors and CATV node assemblies – which offer the performance, ease of use, and reliability required in today's HFC networks – we can help you leverage your capable and scalable architecture to stay ahead of the competition while you prepare for the future.

Fiber to the Home (FTTH)

Are you ready to take fiber all the way?

Radio frequency over glass (RfOG) and passive optical network (PON) architectures offer two options for bringing fiber directly to the customer in single-family units (SFUs) or multidwelling units (MDUs).

Corning can help.

Our comprehensive FTTH product portfolio includes the OptiTap® connector for SFUs and Corning® Clear Track Fiber Pathways, which benefit deployments in both SFUs and MDUs by simplifying the installation process to a few handheld tools. We can help address all your FTTH challenges, including speed of deployment, labor and cost considerations, performance requirements, future readiness, and more.

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