Bring Fiber to the People

Access to affordable and reliable high-speed broadband is vital to a community's economic development and competitiveness. Over the years, private sector investments have drastically expanded broadband access across the country, yet many communities remain underserved.

To fill the void, state and local governments have decided to develop their own networks, to enable middle- and last-mile connectivity — a task that has its own unique set of challenges and obstacles, including funding, planning, development, state preemption, and operations, to name a few.

When planning for your fiber optic network, don’t go it alone — Corning is here to help. Our robust partner ecosystem offers a comprehensive set of solutions to get you over those critical hurdles.

• Project Financing
• Project Planning
• Network Design
• Network Deployment
• Legal and Regulatory Concerns
• Network Management and Operations
• Terms and Conditions
Phase 1: Vision Creation
It all starts with a clear, long-term vision. What are the goals in bringing broadband to the community? Availability? Affordability? Economic Development? Competition? Service Quality?
How can Corning help? We've worked with communities around the globe and understand the pros and cons associated with various approaches to community broadband. We can share case studies and best practices as well as contacts.

Phase 2: Raise Awareness and Organize Demand
End-user engagement generates momentum and drives responsiveness of investors and service providers.
How can Corning help? We understand and can help you quantify and articulate the value FTTH brings to your community.

Phase 3: Network Planning
You need a solid business plan, feasibility studies, and network design before approaching investors.
How can Corning help? Our engineering staff is over 1,200 strong. We can design the network for you or recommend a member of our exclusive Elite Advantage program for systems designers and consultants.

Phase 4: Secure Funding
Community broadband funding could come from public sources, private investors, or a combination of the two. The key is finding the funding model that aligns with the long-term goals of your community.
How can Corning help? Corning has a network of investors that truly understand the value of broadband and are committed to helping communities like yours realize their vision.

Phase 5: Deployment
The network infrastructure and the labor associated with installing it account for the lion’s share of the cost of your broadband network. You have to get this right the first time.
How can Corning help? Project management, installation, integration, and end-to-end testing are all part of Corning’s service offerings. Our engineers have spent over 50,000 hours deploying FTTH networks.

Phase 6: Operate and Maintain
The ongoing operation and maintenance of the network is obviously critical to its success. There are multiple models of ownership and the community’s long-term vision for its broadband network must inform this decision.
How can Corning help? Corning understands the primary models for community broadband and can help you weigh the pros and cons. We also have experience with each of these models and can put you in touch with members of community broadband ecosystems that can speak to each.