



CONNECTING OUR COMMUNITIES TO SPUR GROWTH AND MODERNIZATION OF RURAL AREAS

FTTx NETWORK SOLUTIONS

Broadband is no longer optional for communities, it is essential for growth and progress. It allows smaller, rural communities to connect to the rest of the digital world, enabling modern day technology conveniences through high speed connectivity and FTTx solutions.

- Video and music streaming
- Online gaming
- Public safety
- Smart metering
- Smart lighting
- Social networking
- Telemedicine
- Telecommuting
- Triple play services
- eLearning

This opportunity allows utility companies to diversify their services, enabling their communities to stay competitive with urban areas.

Technical Expertise

Anixter's Technology Support Services consists of engineers and technical experts with years of experience who guide the proper selection of products and solutions to maintain system reliability and longevity. We work with industry leaders, project managers, manufacturers, engineers, and contractors to design and build the fiber optic solutions your community needs.

Quality Products

We pride ourselves on being able to source and deliver the highest quality products from industry-leading manufacturers to help you rest assured that your applications run as planned.

Our utility customers have access to nearly 300,000 products, 5,000 world-class suppliers, a \$1 billion inventory of the industry's most trusted brands and 9 million square feet of warehouse space around the world.

Supply Chain Solutions

Our customizable supply chain services for utilities eliminate costs, address reliability requirements and enhance safety, efficiency and profitability.



- Customized inventory management
- Project rollout solutions
- Customer-owned materials management
- Custom warehouse solutions
- Product enhancement and packaging solutions
- Just-in-time delivery services
- Automated inventory solutions
- Cable management solutions
- Customized metrics and reporting
- E-commerce
- Product kitting services
- Safety enhancement solutions
- Laydown yard management

The Anixter Difference

As the need for broadband connectivity increases, we can help you define products and best practices to support you in capitalizing on the opportunity that high-speed connected residential and business communities can provide. We have the broadest product offering to build future-proof, community-wide solutions.

Utility Power Solutions

- FTTx products
- Electrical transmission and distribution products
- MRO supplies
- Smart grid infrastructure
- Street lighting
- Metering solutions

Electrical and Electronic Solutions

- Electrical/electronic wire and cable
- Switchgear, controls and transformers
- Industrial automation products
- Indoor/outdoor lighting
- Support and supplies

Network and Security Solutions

- Video surveillance
- Access control
- Fire/intrusion
- Data centers
- Infrastructure (copper and fiber)
- Wireless
- Professional A/V

Aerial Hardware

- Strand
- Anchors
- Auxiliary eyes
- Clamps
- Dead-ends
- Extension arms
- Fiber storage units
- Lashing wire
- Guy guards
- Trunnion assemblies
- Corona rings
- Formed wire suspension
- Spiral vibration dampers
- ADSS suspension and down lead clamps
- Wood pole guide clamps
- Standoff brackets
- OPGW down lead clamps
- OPGW storage rings
- U-guard

Bonding and Grounding

- Ground rods
- Ground wire
- Straps
- Clamps
- Bonding connectors
- Lugs
- Exothermic connectors and molds

Conduit, Couplers, Fittings and Accessories

- HDPE conduit
- PVC conduit
- Cable-in-conduit (CIC)
- Fabric innerduct
- Microduct
- Couplers
- Duct plugs

Enclosures

- Splice closures
- Splice trays and organizers
- Distribution hubs and pedestals
- Distribution units (NIDS)
- Cabinets

Fiber Optic Termination and Connectivity

- Connectors
- Fusion splice sleeves
- Fan out and break out kits
- Adapters
- Patch cords
- Wall outlets and faceplates
- Patch panels

Wireless

- In Building
- Wi-Fi
- Fixed Wireless
 - Point-to-Point
 - Mutli-Point

Fiber Optic Cable—Feeder, Distribution, Drops

- ADSS
- OPGW
- Direct burial/lashed fiber
- Indoor/outdoor fiber
- Drop cable
- Substation hardened fiber
- Pre-terminated fiber optic solutions

Networking Equipment

- Media converters
- Ethernet switches
- SFP's

Optical Network Terminals (ONT)

Tools, Safety and Consumables

- Hand tools
- Pulling equipment
- Lashing equipment
- Fusion splicers
- Cleavers
- Visual fault locators
- OTDRs
- Underground warning tape
- Inverted marking paint
- Locating and marking equipment
- Personal protective products
- Cleaning tools and wipes

To learn about how you could deploy fiber solutions in the communities you serve, contact your local Anixter sales representative or visit [anixter.com](https://www.anixter.com).