



Supply Chain Solutions: FTTx Projects



Ingenuity delivered.



Ingenuity delivered.

**Tailored Fiber Solutions to Make
Your Project Successful**

With years of experience in all facets of fiber infrastructure, Wesco is able to deliver innovative turnkey products and solutions for your fiber network deployment project.

Seamless Fiber Deployments

Utilizing best-in-class technology and expertise, we work with you to deliver optimal results with a full suite of value-added specialty services for your fiber build. Our services are scalable – from simple and straightforward to complex turnkey solutions. By simplifying the workflow and eliminating or minimizing administration efforts, we can help you streamline your fiber build.

Supply Chain Solutions

Wesco streamlines complex supply chain challenges with best-in-class customizable distribution and logistical services including consultation, asset management, eProcurement, VMI, warehousing, project management and kitting.

Inside Plant

We deliver ISP solutions to ensure performance, security and efficiency throughout your network infrastructure. From connectivity, to power distribution, security and lighting, we are your single source for products and turnkey solutions.

Outside Plant

With a knowledgeable team and a broad scope of OSP products and services, we deliver cost-effective and high performance connectivity solutions including: cable, conduit, premise, actives/passives, overhead, underground, termination, PPE, tools and test.

Wireless

Wesco makes it easy to implement a high-speed wireless solution with a broad scope of products, services and deployment solutions including: point-to-point wireless, point-to-multipoint wireless, wireless backhaul, edge point of presence, antennas, towers, core infrastructure, backhaul, antennas, towers, LTE/5G radios and wireless access points.



Warehousing Options

From facilities to personnel, equipment, technology and systems, we're your one source to speed your deployment, reduce inventory costs, eliminate waste and increase your productivity and revenue.

- Appropriate chain of custody and outbound LOA documentation for contractor releases
- Co-location at customer facility to manage the project
- Dedicated inventory management in our warehouse for your project
- Efficiently store, distribute and manage your fiber materials
- In-bound receiving and documentation of materials
- Jointly acquire dedicated warehouse space to meet project requirements
- Planning, processes and procedures for all aspects of project mobilization
- Procurement specialists who know fiber infrastructure products
- Provide warehouse staff and/or training
- Ramp down and demobilization of project
- Relationships with the industry-leading suppliers

What Questions and Considerations are Needed for a Successful FTTx Project?

Our experts make sure everything has been considered so your project is a success.

- Can your current facility handle the volume, project size or space requirements?
- Do you have specialists to create warehouse and yard floor plans to safely and adequately accommodate the materials for your project?
- Can your current material handling equipment accommodate oversized and/or heavy items that may require special handling?
- Do you have inventory management systems such as computers, scanners, shipping stations, bin locations, etc.?
- Are you prepared for the high-volume of inbound receipts, transactions and material handling that large fiber projects entail?
- Do you want to shift the responsibility of your safety and injury prevention training?
- Do you have a sustainable materials release process and personnel to handle documentation of chain of custody and Level of Authority (LOA) authorization when contractors pick up project materials?



- Do you want to save freight costs on your inbound materials?
- Do you have a dedicated implementation team for the full scope of the project?
- Do you have procurement specialists to monitor consumption, min/max inventory levels and forecasting throughout the project lifecycle?

Electric Cooperative's Large Scale Fiber Build

When a large electric cooperative in Alabama approved the formation of a cooperative-owned and operated fiber network they looked for experienced partners to help make the project successful. The project Scope of Work (SOW) consisted of 3,000 miles of fiber to be installed with three network loops, network drops, RTD terminals, underground and aerial hardware, as well as other associated items to complete the installation. Once the feasibility study was completed and the project moved forward, Wesco was selected as the integrated supply chain solutions provider to address the supply chain management of the fiber deployment. This allowed the cooperative to

realize savings through direct purchase of materials, while avoiding the need to bring in additional resources to manage the procurement process. This partnership with Wesco provided the customer with materials and inventory management in areas such as sourcing, minimum/maximum buy levels, kitting, logistical coordination and purchase orders fulfilled by project phase and shipped directly to the local warehouse dedicated to the build-out. Essentially, Wesco became an extension of the company's supply team. By handing off the supply chain management part of the project, it allowed the customer to focus on the deployment itself

Wesco can help you navigate the entire broadband journey. Our supply chain management experience delivers solutions to fit any stage of the project – from planning to completion and ongoing maintenance.

Featured Suppliers



Supply Chain Management

- Asset management
- Cutting fiber optic cable to custom length
- eCommerce solutions
- Product demonstration and training
- Product expertise and recommendations
- Project estimate and BOM expertise
- Project planning / make ready
- Project management
- Technical support for ISP, OSP and wireless networks

Outside Plant

- Cable
- Conduit and innerduct
- Consumables
- Customer premise
- HFC passives
- HFC/RFoG/PON distribution actives
- MaxCell® and MaxSpace®
- Overhead solutions
- Personal protective/safety equipment
- Preparation, inspection and cleaning tools
- Splicing and termination
- Splitters and WDM's
- Tools and test equipment
- Underground solutions

Inside Plant

- Assemblies and patch cords
- Broadband electronics
- Commercial A/V
- Communications systems
- Data center solutions
- Fiber and copper cable and connectivity
- Headend
- LAN and WAN equipment
- Low voltage wire and cable
- Power and protection
- Racks, cabinets and cable management
- Tools and test equipment
- Video processing
- Wireless systems

Wireless

- Point-to-Point wireless
- Point-to-Multipoint wireless
- Wireless backhaul (microwave)
- Edge point of presence
- Distributed antenna systems (DAS),
- Public safety
- Small cells
- Citizens broadband radio service (CBRS)



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