

# Lumen<sup>SM</sup> Dark Fiber

Leasing bandwidth is an ongoing expense that continues to increase as your needs evolve. An investment in a facilities based network can serve long-term needs while providing rapid payback — meaning you can stay ahead of the explosion for bandwidth demand. Lumen Dark Fiber allows you to take control over your bandwidth capacity and create the most efficient path to deliver your content. You can also combine it with our Managed Optical Fiber Network (MOFN) product for true bandwidth management, scalability and control — all delivered over one of the largest IP backbones in North America.

## Business solutions

### Complete service control

By owning your own fiber, you gain control over scalability, capacity and network management, technology evolution, reliability and network uptime, which can improve your overall network performance.

### Custom network designs

Our team of expert planners can provide detailed, street-level dark fiber designs that specify the routing and optical characteristics to the most demanding requirements. Take advantage of our extensive network reach and options for path diversity.

### Managed optical fiber network (MOFN)

Managed fiber is a service add-on that provides you with a customized turnkey network solution for network ownership and control. We pair dedicated fibers and the network equipment of your choice with professional design consultation, implementation, and ongoing management and monitoring of network capacity assets.

### Support with professional services

Our extensive experience in all aspects of optical network construction, design and management is at your disposal through professional services:

- Outside plant construction
- Network architecture, design and engineering
- Equipment selection and acquisition
- Network deployment and implementation
- Network monitoring and management
- Field tech services

## Technical Features / Capabilities

- Extensive network reach, capacity and diversity
- Running line colocation and power
- Network connectivity options
- World-class operations and maintenance

## Why choose Lumen

### Proven track record

Our firsthand experience and breadth of knowledge enable us to continually provide next generation network solutions that are flexible and reliable — regardless of network size and complexity.

### Expertise

Cost-effectively leverage the same architects, project managers, engineers and technicians who build and maintain our global fiber-optic network.

### Resources and facilities

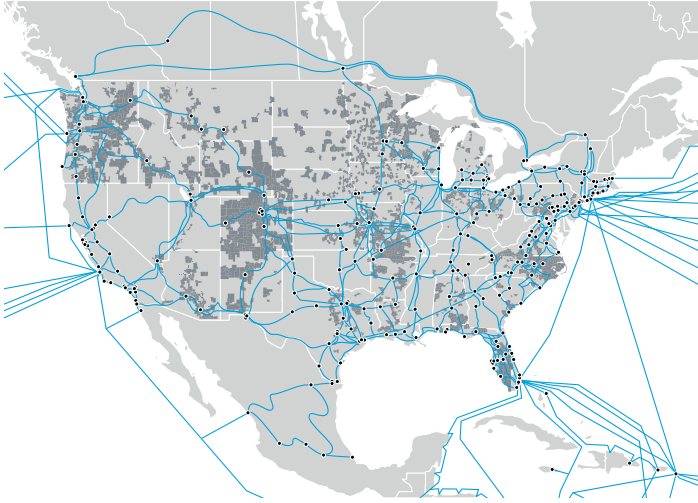
Utilize the Lumen telecommunications lab and staging facility to plan and execute your entire deployment strategy from start to finish.

---

## The Lumen network

- On-Net Market
- Lumen Network

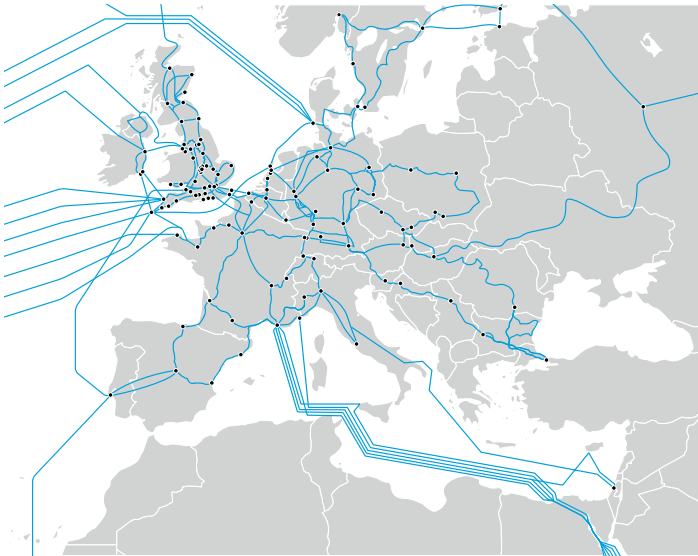
### North America



### LATAM



### EMEA



877-453-8353 | [lumen.com](https://lumen.com)