



Wavelength Services



FiberLight delivers business-class Wavelength services over FiberLight’s regional fiber optic networks serving Texas, Northern VA area, Atlanta metro, and Central Florida. Wavelengths are dedicated solutions for businesses with latency-sensitive, data-intensive applications. Ideal for organizations managing large data transfers between data centers and intricate IT

applications, our private fiber connections ensure swift, reliable, and secure data transport. These versatile services operate at varying speeds, providing cost-effective solutions across metro and long-haul networks. Trust in FiberLight for committed, private point-to-point network services, securing a scalable foundation for evolving connectivity needs.

Top Features

- Dense fiber-optic network with multiple routes and DWDM infrastructure, solutions are designed to optimize business application performance and ensure availability
- High-speed, low-latency connectivity propelling business performance
- Private and dedicated bandwidth
- Flexible architecture and protection schemes supporting application availability or complement existing network deployments with diversity

Key Benefits

Speed & Performance

Optimize end-user applications for peak efficiency

Elevate real-time collaboration, responsiveness, and overall user experience

Enable enhanced agility, informed decision-making with up-to-the-minute data, and gain a competitive edge in rapidly evolving markets

Reliability

Operating within a secure and isolated environment to minimize the risk of disruptions.

Consistent, high-performance connectivity crucial for mission-critical applications and data-sensitive operations

Service supporting most demanding business requirements

Business Continuity

Facilitate business continuity by seamlessly connecting applications and systems across diverse data centers.

Safeguard against disruptions and ensure an uninterrupted flow through the diversified and redundant architecture of our wavelength design

Customization & Diversity

Employ the advantage of a robust and flexible connectivity framework, leveraging multiple network paths between data centers and customer locations

Collaborate with engineering staff to design wavelength connectivity that precisely supports customer application requirements for a customized and efficient solution

Service Details

Architecture Options

- Unprotected
- Redundant
- Protected
- Diverse
- Custom Path

Service Speeds

- 10 Gigabit Ethernet
- 100 Gigabit Ethernet
- 400Gigabit Ethernet
- OTU2 / OTU2e
- OTU4

Service Deliveries

- Metro
- Long Haul
- Data Center Connectivity

Supports Your Business Operations

Optimal Industries: Government, healthcare, education, network providers, cloud service providers, content delivery providers, financial, energy, manufacturing, and logistics

Data center connectivity

Data replication and business continuity and disaster recovery enablement

Mobile Network MTSO and data center interconnectivity

Rural network middle mile transport

Connectivity between bandwidth-demanding labs, manufacturing facilities, or fintech data centers

Dedicated private network for education or municipalities.

We are always working with new clients who will require additional network connections into the Carrier-1 facility. FiberLight is at the top of our list to either resell their services or recommend for direct services.

Trey Berndt
Executive Vice President, Carrier-1 Data Centers



For more than 20 years, FiberLight has led the industry in designing, building, and operating world-class fiber networks in over 430 U.S. cities and provides unmatched service to enterprises in densely populated metroplexes, hyperscalers in fast-growth technology hubs, and local governments, school districts, and healthcare systems in rural communities. Known as "the carrier's carrier," FiberLight owns 19,000+ route miles of dark and lit networks, which are among the industry's most robust with the capability to provide the reliability, resilience, and flexibility customers need for growth. Backed by Morrison & Co, FiberLight continues to deliver innovative fiber network solutions to meet the next generation of demands from the evolving digital economy. For more information please visit www.fiberlight.com.

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