

CenturyLink Optical Wavelength Service

The bandwidth you need at a price you can afford

Benefits

- End-to-end transparency, giving you greater visibility and control of your broadband services for more effective network management
- Privately-owned fiber and repeater stations enabling you to focus on core competencies, relieving the burden of network management
- Reduces the financial expenditure of network ownership, preserving capital resources
- Ability to be configured to meet disaster recovery requirements combined with a customer-facing monitoring portal
- World-class service level agreements from 99.9% to 99.99%

The demand for bandwidth continues to surge due to applications, the Internet, centralized architecture and ecommerce. Optical Wavelength Service provides solutions that deliver fully managed, end-to-end optical networks designed to meet specific needs of businesses and service providers.

Description

Optical Wavelength Service is a fully managed, private, point-to-point service delivered over a state-of-the-art dense wave division multiplexing (DWDM) network. It is ideally suited for banks, financial institutions, government agencies, enterprise customers, interexchange carriers (IXCs) and wireless operators that require dedicated broadband transport network connectivity without the responsibility or money needed to own and operate network infrastructure.

We provide an end-to-end solution with a wide range of transport bandwidths for national and metro services:

Available national and metro:

- 1Gigabit Ethernet
- 2.5Gbps (OC-48)
- 10Gbps (OC-192) – SONET
- 10Gbps Ethernet WAN PHY
- 10Gbps Ethernet LAN PHY
- 40Gbps (OC768)
- OTU2

Available national and fibre channel:

- OTU1
- OTU3

Available metro only:

- 1Gbps
- 2Gbps
- 4Gbps
- 10Gbps

Contact your CenturyLink Representative today!



Features

- Point-to-point, fully-managed optical wavelength service
- State-of-the-art DWDM network technology
- National and metro service connectivity
- A service level agreement (SLA) that is among the industry leaders
- Custom routing to meet unique diversity and disaster recovery requirements
- Low latency
- Unprotected or protected service options
- 24/7/365 network monitoring includes: fault management of network transport alarms, surveillance, dispatch and fix verification/tracking

How it works

Our technology enables several streams of digital information to be put on different wavelengths of light eliminating interference with one another. This allows transport of up to 96 channels in a single strand of fiber and translates into higher capacity and lower costs.

- Protection – from premises-to-premises or point of presence (POP) to premises (metro only)
- Diversity – configured to your specifications and includes POP, fiber path and node diversity
 - Dual entrances and fiber risers in buildings may also be available subject to confirmation of available facilities
 - Diversity circuits are uniquely identified in our systems to ensure committed routing
- Interconnections (applications) – with customer-owned equipment for data, video and storage protocols

Why CenturyLink?

CenturyLink is a well-established supplier of telecommunication services and solutions to large businesses, government agencies, content providers and interexchange carriers. We provide solutions to our customers that secure their applications on a daily basis and under extraordinary circumstances.

We exceed customer expectations through:

- Competitive pricing
- A network available nationally and locally
- Experienced sales team, technicians and engineers in developing customer solutions
- Premier trouble management for one-call resolution

Other products available from CenturyLink

- Metro Private Line
- Domestic Private Line
- International Private Line
- Ethernet Private Line
- Metro Ethernet
- CenturyLink IQ™ Networking
- Hosting Services

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