



AboveNet™

## AboveNet Core Wave

### About AboveNet

AboveNet, Inc. provides high bandwidth connectivity solutions for business and carriers. Its private optical network delivers key network and IP services in and among top U.S. and European markets. AboveNet's network is widely used in demanding markets such as financial services, media, health care, retail and government.

### Why AboveNet?

**Scalability** - Dedicated networks that scale from 100Mbps to 40Gbps

**Low Latency** - Direct fiber routes and carrier class electronics provide low latency networks

**Security** - Owned and operated fiber optic network which bypasses legacy networks

**Reliability** - Virtually error-free service supported by 24x7/365 and enabled by our years building

**Data Center Connectivity** - The next generation data network superhighway that interconnects to key data centers

### AboveNet Inc.

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### AboveNet Core Wave

1Gbps, 2.5Gbps and 10Gbps speeds for Point-to-Point Metro Connectivity

### Catch a Wavelength, Ride the Core Wave

AboveNet has opened the floodgates for the flexibility, scalability and network efficiencies offering point-to-point connectivity in the metro area. Leveraging the power of dedicated wavelength service and the flexibility of a core DWDM platform, this network combines peerless connectivity with simplicity and savings. Core Wave provides seamless wave connections to deliver off-the-chart speed, simply, reliably and cost-effectively. It's quick to deploy and plug-n-play. Adding services is as easy and cost-effective as plugging in optical cards, and the platform is scalable to 40Gbps preparing Enterprises for the future.

### A Budget-Sensitive, Future Proof Alternative

In today's challenging business arena, companies face conflicting demands to support increasingly bandwidth-intensive applications while tightly managing budgets. Core Wave is the ideal, economical solution providing high performance, low latency connectivity to keep your company a step ahead of the explosive growth of applications. Flexible and comprehensive to meet the needs of any business, the network is available in 1Gbps, 2.5Gbps and 10Gbps speeds, with protected or unprotected options, and supports Ethernet, SONET and Storage protocols. With a choice of available speeds and unlimited scalability, Core Wave frees your company from reliance on legacy network bottlenecks, and is the wave of the future for high bandwidth connectivity requirements.

### Features and Benefits

- Dedicated Fiber
- DWDM Core Platform
- Rapid Deployment
- 1Gbps, 2.5Gbps or 10Gbps
- Protected and Unprotected Options
- Disaster Recovery/Business Continuity
- 24X7/365 Network Management Center
- Add/Drop wavelengths dynamically
- Multi-Protocol Support
  - \* Ethernet: 1GigE and 10GigE
  - \* Sonet/SDH: OC-12, STM-4, OC-48, STM-16, OC-192, STM-64
  - \* Storage: FC-100, FC-200, FC-400
- Future-Proof Scalability
- AboveNet's Agility Guarantee

### Core Wave is Ideally Suited For

- Connectivity Access
- Storage Area Network
- Hosting
- Long Haul Connections
- Access to AboveNet services
  - \* Metro Ethernet
  - \* VPN
  - \* eXpressWave Long Haul