



FibeAir[®] 2000

Carrier-Class, High-Capacity Sub-6GHz Backhaul Solution

FibeAir 2000 enables carriers to accommodate capacity growth and maintain profitability through unparalleled price/performance ratio. The high-capacity radio system provides up to 200 Mbps aggregated throughput, with a flexible combination of Ethernet and TDM with up to 16 DS1 interfaces

The FibeAir 2000 product line can be configured in an all-packet or in a Native² mode. The Native² concept enables native transport of Ethernet and TDM services over the radio. FibeAir 2000 provides seamless migration enabling operators to gradually evolve their networks from an all-TDM and hybrid concept to all-packet.

FibeAir 2000 delivers optimal performance and robustness in ranges of up to 75 miles / 120 km utilizing various sub-6GHz (2.4GHz - 5.8GHz) frequencies. Ceragon's cost efficient backhaul solution employs an innovative air interface that is coupled with advanced built-in Diversity, MIMO and OFDM technologies.

FibeAir 2000 solutions are suited for a variety of applications such as enterprise networks, access and backhaul solutions for ISPs, and ad-hoc networks solutions.

Cost Efficient Backhaul

- **Unparalleled performance**
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Superior OFDM and MIMO technology
- **Extended range**
Up to 75 miles / 120 km
- **Instant link setup**
Smooth installation
- **Low operational cost**
Power efficient and simple to maintain



FibeAir 2000 Product Family

FibeAir 2000 C-Series

- Delivering up to 200 Mbps net aggregate throughput
- Native TDM (up to 16DS1s) + Ethernet
- Asymmetric capacity; fixed or dynamic channel allocation
- Operating in nLOS and dense environments
- Telco-grade, with advanced OFDM & MIMO technologies
- QoS and VLAN capabilities
- Ethernet service protection through 1+1 and ring topology
- Single radio supporting embedded small form factor antenna
- GBE support
- Low (typical) Latency < 3msec

FibeAir 2000 B-Series

- Delivering up to 50 Mbps net aggregate throughput
- Native TDM (up to 8 DS1s) + Ethernet
- Asymmetric capacity; fixed or dynamic channel allocation
- Extremely robust in harsh weather conditions
- Operating in nLOS and dense environments
- Telco-grade, with advanced OFDM & MIMO technologies
- QoS and VLAN capabilities
- Ethernet service protection through 1+1 and ring topology
- Single radio supporting embedded small form factor antenna and connectors for external antenna
- Low (typical) Latency < 3msec

Simplified network design and maintenance - reducing Capex and Opex

- Network Management System (NMS) – PolyView
- EMS - FibeAir EMS user friendly GUI
- Local and Remote Telnet or SNMP management

Ceragon Comprehensive Network Offering:



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