



# FibeAir IP-10C

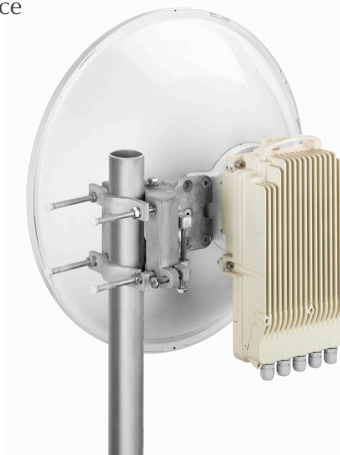
## Compact All-Outdoor Wireless Packet Backhaul

FibeAir IP-10C is a compact all-outdoor, high-capacity packet radio. Combining the advantages of an all-outdoor radio with best-in-class performance of the FibeAir IP-10 family, FibeAir IP-10C meets the capacity demands of 4G/LTE backhaul, with up to 1 Gbps per carrier.

Ideal for mobile operators deploying 3.5G and 4G/LTE networks, the FibeAir IP-10C is a perfect fit for network sites requiring zero footprint and cost-effective backhaul that is rapidly deployable. The ruggedized single-box system withstands harsh weather conditions and can be easily mounted on towers, rooftops, lamp posts, traffic light poles and small outdoor mobile cell-sites.

The FibeAir IP-10C features all the benefits of Ceragon's field proven FibeAir IP-10 family, including enhanced spectrum utilization, comprehensive synchronization solutions and powerful low-delay traffic management. FibeAir IP-10C supports high capacity ranging up to 1Gbps and utilizes a breakthrough asymmetrical traffic delivery mode to enable higher download capacities. A Service-Aware solution offering the industry's most extensive QoS feature set, the FibeAir IP-10C allows high granularity of service differentiation to enhance Quality of Experience.

With its advanced mechanical design, Ceragon's all-outdoor solution enables quick and fault-free installation and delivers durable, high performance even in the harshest environments.



### Cost Efficient Backhaul

- **All Outdoor - Compact Size**  
Ideal for tower, rooftop and pole-mount installations
- **More Capacity**  
Up to 1Gbps per carrier
- **Easy to Install, Highly Reliable**  
Quick, simple and reliable set up
- **Environmentally Friendly**  
Energy efficient, low power consumption
- **Part of the FibeAir IP-10 products family**  
Interworks with FibeAir IP-10 family Nodal solutions

# Key Features

Highest possible capacity and efficiency at any channel bandwidth

- Up to 1 Gbps of IP traffic per carrier
- Asymmetrical traffic delivery mode to enable higher download capacities in asymmetric scenarios
- Enhanced compression technology for capacity acceleration
- 3.5 MHz - 56 MHz (ETSI & FCC)
- 6 GHz - 42 GHz licensed bands
- Hitless and errorless Adaptive Coding & Modulation (ACM) QPSK - 256 QAM
- Native Ethernet

Simplified network design and maintenance – reducing CAPEX and OPEX

- All outdoor - compact size
- Network Management System (NMS) with full FCAPS including end-to-end Ethernet service management
- Integrated web-based Element Management System (EMS)
- Energy efficient and low power consumption
- Optional 2+0 single pole or 1+1 protection

Flexible synchronization solution

- ITU-T G.8262 synchronous Ethernet including optimized regenerator for point-to-point
- Precision Time Protocol (e.g. IEEE 1588-2008) optimized transport providing ultra-low and consistent PDV (Packet Delay Variation)

Enables support for services with stringent SLA

- Comprehensive QoS mechanisms enabling differentiated services with SLA assurance
- Low latency and jitter with packet cut-through mechanism

Optimized for today's deployments with higher capacity for future mobile broadband

- Easy to install, highly reliable
- Direct and remote mount antennas

## Ceragon Comprehensive Network Offering:



Product  
Portfolio



Network  
Management



Professional  
Services



Strategic  
Partnerships

[www.ceragon.com](http://www.ceragon.com)

**CERAGON**