



FibeAir[®] Outdoor Enclosure

Complete wireless solution for all-outdoor environments

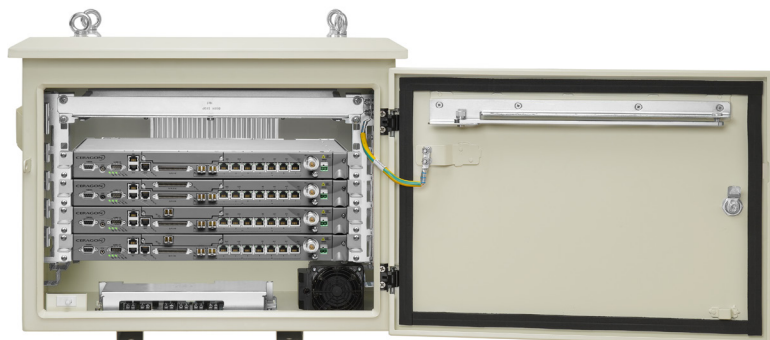
Ceragon FibeAir Outdoor Enclosure allows operators to set up complete wireless backhaul networks in all-outdoor environments using a multi-unit design ideal for any pole-mount, wall or roof-top installation. The fully weather proof solution provides the same advanced FibeAir family feature set in a compact, zero footprint casing and is best suited for sites where adding indoor equipment is either impossible or prohibitively expensive.

The FibeAir Outdoor Enclosure enables operators to minimize logistics, reduce floor space and decrease rental costs. It requires zero additional footprint at the central office or communications room, and helps to significantly reduce power consumption, maintenance and operational expenditures.

The FibeAir outdoor enclosure offers versatile deployment scenarios including protected Ethernet and TDM rings, complex nodal configurations and radio schemes, such as 1+1, 2+2, 4+0 in an all-outdoor environment. The solution complies with NEBS, FCC and European electrical, environmental and safety standards as well as with IP-55 certification for water and dust proofing.

Same Advanced Features in a Compact, Zero Footprint Casing

- **Full wireless solution at zero footprint**
All outdoor nodal or ring configurations
- **Lower overall costs**
Installation, rent, power and easier maintenance
- **Instant wireless site set-up**
Pole-mount, wall or roof-top installation
- **Environment-friendly**
Saves power, space and air conditioning
- **Risk-free solution**
IP-55 certification for water and dust proofing



Key Features

Main features

- 5 RU 19" rack space - 4 RUs for IDUs, 1 RU for panels and cabling
- Installation anywhere - on a rooftop, wall, or pole
- Passive heat exchange - no need for air conditioning systems
- Support for the same FibeAir product line used for indoor deployment
- External battery backup solution with enclosure (Optional)
- Heating unit for frigid environments (Optional)
- Easy installation and maintenance



Technical Data

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External Dimensions	H: 18.5 in / 47 cm, W: 24 in / 61 cm, D: 17 in / 43 cm
Weight	55 Pounds / 25Kg
Rack Space	5 RU – 4RUs for Indoor Units, 1 RU for Panels and Cables
Indoor Units	Ceragon FibeAir IP-10 (up to 4 units) - including 2 nodal enclosures (I+) and any required adaption/patch panel Ceragon FibeAir 1500R (up to 2 units)
Environmental Standards Compliance	GR-487-CORE ETSI EN 300 019-1-4, Class 4.1 (Non-weather protected locations) IEC 529 IP- 55 protected cabinet (dust & water) Operating Air Temperature -40 to +55°C
Safety and Electromagnetic Standards (EMC) Compliance	UL60950-1 (Safety) FCC 47 CFR, part 15, class B (EMC) GR-1089-CORE (Safety & EMC part of NEBS) CSA CS22.2 60950-1 (Safety) ETSI EN 301 489-1 ETSI EN 301 489-4 (EMC) CB IEC 60950-1 (Safety)
Ordering Options	Heaters (for frigid environments) External Fans (optional for higher heat dispersion) Backup battery solution (with additional enclosure)

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