

Item no.: AF-11

## AF-11-EU - Licensed Backhaul Radio

from **1.020,77 EUR**

Item no.: AF-11  
shipping weight: 2.30 kg  
Manufacturer: Ubiquiti



### Product Description

AF-11 - Licensed Backhaul Radio

- Please note: In some countries, the use of this product is restricted or not allowed. Please check with the appropriate authority in your country. -

AF-11, a radio purpose-built for outdoor PTP bridging and carrier-class network backhubs using the licensed 11 GHz radio band. [Advanced Engineering](#)

Ubiquiti's INVICTUS(TM) 2 custom silicon and proprietary radio architecture are designed specifically for long-distance, outdoor wireless applications, providing superior performance, long-range capability, and higher delivered throughput. [Power Source Options](#)

Support for PoE or DC power gives you the flexibility to power the AF-11 separately from Ethernet traffic. [Reversible Duplexers](#)

Each AF-11 requires one or two duplexers (sold separately; models AF-11-DUP-H and AF-11-DUP-L). [Channel Configuration](#)

The airFiber AF-11 can use single (SISO) or bonded (MIMO) channels, depending on your specific licensing requirements. The AF-11 also features different channel widths to suit your deployment needs, and you can independently configure TX and RX channel frequencies.

- Dimensions: 327 x 112 x 86 mm (12.87 x 4.41 x 3.39")
- Weight: 2.26 kg (5.0 lb)
- RF connectors: (4) SMA weatherproof, two per chain: TX 0, RX 0 (chain 0) and TX 1, RX 1 (chain 1); (2) N-type Waterproof, one per duplexer
- Power supply: 50 V, 1.2 A PoE Gigabit adapter (included)
- Power method: Passive Power over Ethernet, DC power block
- Supported voltage range: 38-56 V DC
- Certifications: FCC Part 101, ETSI EN 302 217
- Mounting: AF-11G35 mount compatible
- Operating temperature: -40°C to 55°C (-40°F to 131°F)
- Networking interface: Data: (1) 10/100/1000 Ethernet port; Management: (1) 10/100 Ethernet port

#### System

- Processor: INVICTUS(TM) 2 IC
- Maximum throughput: 1.2+ Gbps
- Encryption: 128-bit AES
- OS: airOS F
- Wireless modes: SISO/MIMO

#### Radio

- Operating frequency: 10.7-11.7 GHz (depends on regulatory region)
- Max. conducted TX power: 30 dBm (depends on regulatory region)
- Frequency accuracy: +/-1 ppm
- Channel bandwidth: 3.5/5/7/10/14/20/28/30/40/50/56 MHz selectable\*\*; Programmable uplink and downlink duty cycles

\*\* Channel widths may vary according to country/region regulations.

### Specifications

**Scan this QR code to  
view the product**  
All details, up-to-date  
prices and availability



