**Item no.:** AF60

# AF60-EU - airFiber 60 GHz/5 GHz radio system with 1 Gbps+ throughput

### from **321,11 EUR**

**Item no.:** AF60
**shipping weight:** 1.80 kg
**Manufacturer:** Ubiquiti



## 📄 Product Description

AF60 - airFiber 60 GHz/5 GHz radio system with 1 Gbps+ throughput

AF60 is a 60 GHz radio for low-interference and high-throughput connectivity. It's integrated with a high-gain dish antenna for long range and high performance. For the 60 GHz link, the AF60 supports two channel width options: 2 GHz and 1 GHz.<u>Features:</u>

- 60 GHz radio with 5 GHz radio backup
- Low-interference 60 GHz spectrum
- Long range, up to 2 km
- Up to 1 Gbps with low latency
- Integrated GPS
- Full and half bandwidth support

- Dimensions: 413 x 413 x 320 mm (16.26 x 16.26 x 12.60")
- Weight: Without mount: 1.4 kg (3.09 lb); With mount: 1.8 kg (3.97 lb)
- Enclosure: Aluminum, UV-stabilized Polycarbonate
- Antenna gain: 5 GHz: 11 dBi; 60 GHz: 38 dBi
- Networking interface: (1) 10/100/1000 Mbps Ethernet port
- Max. power consumption: 11 W
- Power method: Passive PoE, pins 4, 5+ and 7, 8-
- Power supply: 24 V DC, 0.5 A Gigabit PoE adapter (included)
- Voltage range: +22 to +26 V DC
- LEDs: Power/Ethernet/5G/60G/GPS
- Mounting: Pole mount (included)
- Wind loading: 420 N (at) 200 km/h (94.4 lbf (at) 125 mph)
- Wind survivability: 200 km/h (125 mph)
- ESD/EMP protection: +/- 24 kV contact/air
- Operating temperature: -40°C to 60°C (-40°F to 140°F)
- Operating humidity: 5 to 95% non-condensing
- Certifications: FCC, IC, CE

<u>System</u>

- Maximum throughput: 1.8 Gbps
- Maximum range: 2+ km
- Encryption: WPA2-PSK (AES)/WPA2 Enterprise
- OS: airOS GP

<u>Radio</u>

- Max. conducted TX power 5/60 GHz combined: 25 dBm
- Channel bandwidth: 60 GHz: 2160 MHz; 5 GHz: 20/40/80 MHz

<u>Operating Frequency (MHz)</u>

- US/CA: 5150 – 5250
- U-NII-1: 5725 – 5850
- U-NII-3: 57,000 – 66,000
- Worldwide: 5180 - 5875; 57,000 - 66,000

Management Radio (MHz)

- Worldwide: 2412 - 2472
- US/CA: 2412 - 2462

## 📄 Specifications

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