Item no.: AF60-LR

AF60-LR-EU - airFiber 60 LR, airFiber 60 GHz Radio System

from **331,66 EUR**

Item no.: AF60-LR
shipping weight: 2.70 kg
Manufacturer: Ubiquiti

📄 Product Description

Ubiquiti AF60-LR - airFiber 60 LR, airFiber 60 GHz Radio System

airFiber 60 GHz radio system featuring Wave technology with true duplex Gigabit performance for PtP links over 12 km distances.

AF60 LR is a 60 GHz radio designed for high-throughput connectivity over an extended range. The airFiber 60 LR features the integrated high-gain dish antenna for high speed, long-range performance Point-to-Point (PtP) links. The new Wave technology enables incredible long-range performance within the 60 GHz spectrum.

Includes a built-in Bluetooth management radio for easy setup.Features:

- Low-interference 60 GHz Spectrum
- Integrated GPS
- Long range, up to 12 km
- Precision Alignment Mount included
- Quick setup using the *UISP(TM) app via Bluetooth

*UNMS Controller will change to UISP(TM) Controller from version 1.3.0 onward.

Mechanical

- Dimensions: 413 x 360 mm (16.3 x 14.2")
- Weight: Without mount: 1.5 kg (3.3 lb); With mount: 2.7 kg (6 lb)
- Enclosure characteristics: Aluminum/UV-stabilized polycarbonate

Hardware

- Processor: Quad-core ARM Cortex A7
- Memory: 256 MB DDR3
- Networking interface: 10/100/1000 Mbps RJ45 Ethernet
- RF connections: Internal
- Max. power consumption: 18 W
- Power method: Passive PoE (pairs 4, 5+; 7, 8-)
- Power supply: 48 V DC, 0.65 A Gigabit PoE adapter
- Supported voltage range: 48 V DC +/-10%
- ESD/EMP protection: Air/contact: +/-24 kV
- Operating temperature: -40°C to 60°C (-40°F to 140°F)
- Operating humidity: 5 to 95% non-condensing
- Certifications: FCC, IC, CE

LEDs

- Power: Flashing white: Bootup in progress; White: Not connected to Ubiquiti(R) Network Management System (UISP(TM)); Blue: Connected to UISP
- Ethernet: Flashing blue: Ethernet traffic detected
- GPS: Blue: Receiving at least (4) GPS satellite signals
- 60G: Blue: Active connection

System

- Maximum throughput: 1.8 Gbps
- Maximum range: 12 km
- Encryption: WPA2-PSK (AES)

Software

- OS: airOS(R)
- Modes: PtP only
- Services: UISP, ping watchdog, NTP client, system log
- Utilities: Antenna alignment tool, discovery utility, ping, traceroute, speed test
- Network: Bridge mode
- Management interface: Bluetooth management for easy setup over UISP(TM) app

Web UI

- Minimum software requirements: Modern web browser or Android/iOS smartphone
- Technology: Wave

RF

- Operating frequency*: 57 to 71 GHz
- Max. conducted TX power: 21 dBm
- GPS: Yes
- Channel bandwidth: 2160, 1080 MHz
- Antenna gain: 43 dBi

*Depends on regulatory region.

📄 Specifications

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