

Item no.: AF60-XG

AF60-XG-EU - AirFiber 60 GHz 10 Gbps point-to-point bridge

from **1.083,34 EUR**

Item no.: AF60-XG
shipping weight: 15.00 kg
Manufacturer: Ubiquiti



Product Description

AF60-XG - AirFiber 60 GHz 10 Gbps point-to-point bridge

The airFiber 60 XG (AF60 XG) is a 60 GHz point-to-point (PtP) bridge with a built-in, 5 GHz backup radio. The AF60 XG delivers low-interference, low-latency throughput, making it an ideal component for carrier backhaul. It also features integrated GPS and a Bluetooth management radio to simplify setup and configuration.

Mechanical

- Dimensions: 779 x 664 x 383 mm (30.68 x 26.14 x 15.06")
- Weight: Without mount: 8.6 kg (19 lb); With mount: 13 kg (28.7 lb)
- Enclosure materials: UV stabilized polycarbonate, steel
- Mount material: Galvanized steel
- Mount: Precision Alignment Kit (included); Pole compatibility: Ø40-80 mm (Ø1.5-3.15")
- Wind loading: 422 N at 200 km/h (94.86 lbf at 125 mph)

Hardware

- Processor: Quad-Core ARM® Cortex® A72 at 1.6 GHz
- Memory: 2 GB DDR4
- Networking interfaces: (1) GbE RJ45 port, (1) 1/10G SFP+ port
- Button: Factory reset
- RF connections: Internal
- Max. power consumption: 31.2 W
- Power method: Passive PoE 4-pairs (1, 2+; 3, 6-) (4, 5+; 7, 8-) or 2-pairs (4, 5+; 7, 8-)
- Power supply: 48 V DC, 0.65 A Gigabit PoE adapter (included)
- Supported voltage range: 48 V DC \pm 10%
- Operating temperature: -40°C to 55°C (-40°F to 131°F)
- Operating humidity: 5 to 95% noncondensing
- Certifications: FCC, IC, CE, terragraph

LEDs

- Power: Flashing white: Bootup in progress; White: Not connected to UISP™ console; Blue: Connected to UISP console
- Ethernet: Flashing blue: Ethernet activity
- GPS: Blue: Receiving at least (4) GPS satellite signals
- 60G: Blue: Active connection
- 5G: Blue: Active connection

System

- Maximum throughput: 5 GHz: 866.6 Mbps; 60 GHz: 3.8 Gbps/6 Gbps (with channel bonding enabled)
- Maximum range: 4 km
- Encryption: WPA2-PSK (AES)

Software

- OS: airFiber®
- Modes: PtP only
- Services: UISP, ping watchdog, NTP client, system log
- Utilities: Antenna alignment tool, discovery utility, ping, speed test
- Management interface: Bluetooth management for easy setup over UISP App; WEB UI
- Minimum software requirements: Modern web browser or Android/iOS smartphone

RF

- Operating frequency: 57 to 66 GHz (depends on regulatory region)
- GPS: Yes
- Channel bandwidth: 2160 MHz/4320 MHz (with channel bonding enabled)
- Operating channels: 58320, 59400, 60480, 61560, 62640, 63720, 64800 MHz (depends on the channel bandwidth)

Back-Up RF

- Operating frequency: US/CA: U-NII-1 5150 - 5250 MHz, U-NII-3 5725 - 5850 MHz; Worldwide: 5150 - 5875 MHz (depends on regulatory region)
- Channel bandwidth: 20/40/80 MHz

Specifications

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

