

Item no.: 333850

100-00074(B24) - B24 Point-to-Point Backhaul, 24 GHz, 33dbi, up to 1.5 Gbps

from **790,88 EUR**

Item no.: 333850
 shipping weight: 4.20 kg
 Manufacturer: Mimosa Networks



Product Description

B24 Point-to-Point Backhaul, 24 GHz, 33dbi, up to 1.5 Gbps

The Mimosa B24 breaks the existing barriers of price, size, performance and power efficiency in the less crowded, unlicensed 24 GHz band.

Delivering nearly a Gigabit of low latency IP traffic in a single direction, the Mimosa B24 is the industrys price performance leader in unlicensed 24 GHz backhaul. Designed from the ground-up using reliable, high volume components, the B24 achieves incredible performance at a disruptive price that fits the economics of broadband providers and enterprises in suburban and urban markets.

To meet modern internet traffic needs where nearly 90% of the peak evening traffic demand can be in the download direction, the B24 dynamically adapts to changing demands using Auto-TDMA technology. Low-latency Gigabit throughput can be directed either upstream or downstream as needed to maximize spectrum utilization throughout the day. Legacy FDD radios are limited to symmetric traffic usage, leaving vast amounts of spectrum constantly underutilized.

Dont be distance-limited by higher frequency microwave technology. Use the B24 to avoid the congested 5 GHz spectrum and deliver superior reliability, even with rain, at practical distances up to 3 km.

At a fraction of the weight, size, and power of alternative solutions, the B24 is incredibly easy?to install and its compact design fits discretely into any visually-sensitive area.

Like other Mimosa products, GPS synchronization allows collocated B24 radios to share the same channel, permitting up to eight links to operate at the same site, each running at 1.5 Gbps.

Package contains:

- 1 Device
- 1 Holder
- 1 PoE power adapter 50V/1.2A
- 1 Power cord
- 2 Metal ring
- 1 Cable gland
- 1 Screws

Connectors and Interfaces

- LAN speed: (1) 10/100/1000Mbps
- Optical interfaces: (1) 1000Mbps
- GPS modul: Yes

Physical characteristics

- Wind load [km/h]: 200
- Radom: Yes
- Designed for mast diameter [mm]: 28 up to 60
- Operating temperature [°C]: -40 up to 55
- Weight [g]: 2700
- Depth [mm]: 134
- Width [mm]: 260
- Height [mm]: 260

Power

- Power over Ethernet: 802.3at, 50V DC
- Max. power consumption [W]: 19,5

Software

- Default IP address: 192.168.1.20
- Default login and password: Is set by the user at the first startup

Wireless features

- Frequency range [MHz]: 24050 - 24250
- Cross-Pol Isolation [dB]: 20
- Maximum modulation: 256 QAM
- Polarization: VH (slant)
- F/B ratio [dB]: 30
- Channel bandwidth [MHz]: 20, 40, 80
- Transmission speed - 24GHz [Mb/s]: 750
- Tx power 24GHz [dBm]: 4
- Security: 128bit AES
- Azimuth beam width (-6dB) [°]: 3, 3
- Antenna gain [dBi]: 33

Specifications

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

