

# FIBER-FAST WIRELESS BROADBAND



*mimosa*<sup>®</sup>  
by *Airspan*

# NO FIBER? NO PROBLEM.

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The high cost of fiber-to-the-home and the declining share of internet traffic carried over mobile networks has reinvigorated demand for a disruptive alternative in fixed broadband. In the U.S., over 80% of the population lives in cities or suburbs, and incredibly, over half of those areas have only one ISP option for high-speed internet.

Visionary in our approach, Mimosa Networks is reimagining how people get amazing internet access. Mimosa enables fiber-fast, Fixed Wireless, broadband connectivity for dense urban and hard-to-reach rural areas for a fraction of the cost of traditional wireline solutions. We aim to make internet access faster, stronger, and more accessible than it is today. We believe the internet should be incredibly scalable, with gigabit speeds available anywhere in the world.

## WHAT SETS US APART



### PERFORMANCE

Carrier-grade, gigabit speeds with Spectrum Reuse Sync (SRS/GPS Sync)



### VALUE

Industry-leading cost-to-performance ratio with award-winning support



### EASE OF USE

Comprehensive, simple, scalable network and device management

# AWARDS

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## FIXED WIRELESS BROADBAND SOLUTION OF THE YEAR

Mobile Breakthrough, 2018



## INNOVATION ACHIEVEMENT

CANTO, 2018



## RURAL WIRELESS SOLUTION OF THE YEAR

Mobile Breakthrough, 2017



## TOP 100 COMPANY

Red Herring, 2017



## BEST CUSTOMER SUPPORT

Wisapalooza, 2015



## TECHNOLOGY PIONEER

World Economic Forum, 2015

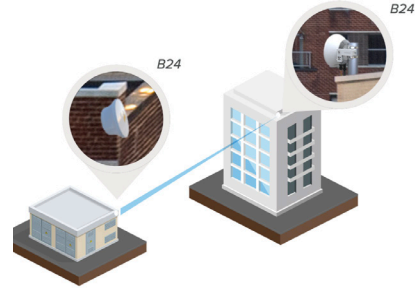
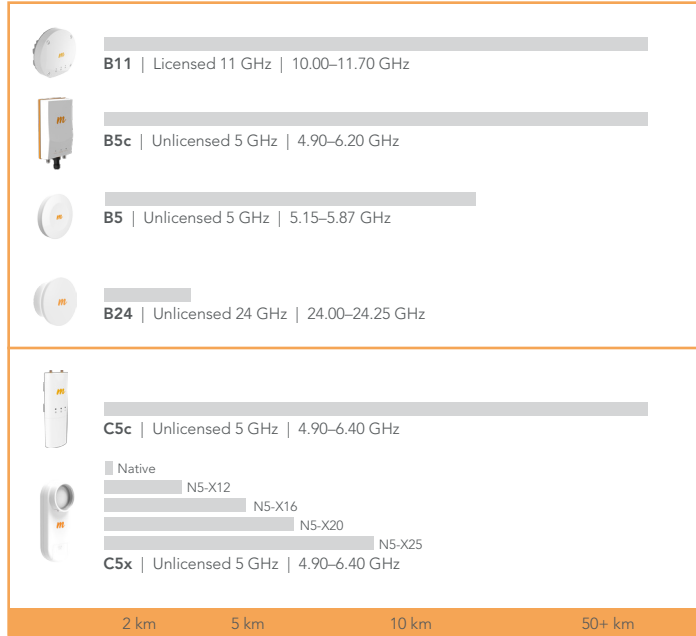


# POINT-TO-POINT (PTP) SOLUTIONS

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ENABLING THE CONNECTION OF  
TWO LOCATIONS WITH THE USE OF  
MIMOSA PTP BACKHAUL RADIOS

# POINT-TO-POINT (PTP) SOLUTIONS



## HIGH-PERFORMANCE PTP

The B11, B5c, B5, and B24 deliver aggregate IP speeds of up to 1.5 Gbps, with Dual Link, SRS (GPS Sync), and an IP67 rating.

## HIGH-VALUE PTP

The C5c and modular C5x deliver aggregate IP speeds of up to 700 Mbps, supporting an extended frequency range and an IP55 rating.

# B11 PTP BACKHAUL RADIO

With unmatched price/performance, Mimosa's B11 radio is designed for licensed backhaul. The B11 adapts instantly to variable upstream and downstream bandwidth requirements, at one of the lowest cost per megabit in the industry.

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## **FREQUENCY**

10.00–11.70 GHz  
(Licensed)

## **THROUGHPUT**

Up to 1.5 Gbps  
(IP aggregate)

## **ANTENNA**

Waveguide (not included)

## **INTERFERENCE MITIGATION**

Licensed Spectrum

## **RANGE**

50+ km (30+ mi)

## **OUTDOOR RATING**

IP67

## **LATENCY**

< 1 ms

## **OUTPUT POWER**

24 dBm

## **POWER CONSUMPTION**

30 W

## **DIMENSIONS**

Height: 260 mm (10.2 in)

Width: 243 mm (9.6 in)

Depth: 70 mm (2.8 in)  
(without an antenna)

## **WEIGHT**

2 kg (4.4 lbs)

## **NETWORK INTERFACE**

Single Ethernet and Fiber



# B5 PTP BACKHAUL RADIO

The Mimosa B5 backhaul radio is the highest-capacity, unlicensed, 5 GHz solution for short and mid-range link applications, such as relay sites, building-to-building settings and collocation applications. The B5 is fast, flexible, and incredibly reliable.



## **FREQUENCY**

5.15–5.87 GHz  
(Unlicensed)

## **THROUGHPUT**

Up to 1.5 Gbps  
(IP aggregate)

## **ANTENNA**

Integrated 25 dBi

## **INTERFERENCE MITIGATION**

Dual Link; SRS (GPS Sync);  
**Auto** Gain Control, Power, Channel  
Width, Modulation, & Frequency

## **RANGE**

Up to 15 km (10 mi)

## **OUTDOOR RATING**

IP67

## **LATENCY**

< 1 ms

## **OUTPUT POWER**

30 dBm

## **POWER CONSUMPTION**

20 W

## **DIMENSIONS**

Diameter: 442 mm (17.4 in)  
Depth: 362 mm (14.3 in)  
(with mounting bracket)

## **WEIGHT**

4.9 kg (10.8 lbs)

## **NETWORK INTERFACE**

Single Ethernet

# B5c PTP BACKHAUL RADIO

The Mimosa B5c is the industry's fastest connectorized, unlicensed, and Public Safety connectivity solution, allowing virtually any antenna to be used for long-distance backhaul. The B5c is ideal for long-range relay, tower links, and custom engineered collocation.

## FREQUENCY

4.90–6.20 GHz  
(Unlicensed)

## THROUGHPUT

Up to 1.5 Gbps  
(IP aggregate)

## ANTENNA

Connectorized 4x4  
(not included)

## INTERFERENCE MITIGATION

Dual Link; SRS (GPS Sync);  
**Auto** Gain Control, Power, Channel  
Width, Modulation, & Frequency

## RANGE

50+ km (30+ mi)

## OUTDOOR RATING

IP67

## LATENCY

< 1 ms

## OUTPUT POWER

30 dBm

## POWER CONSUMPTION

20 W

## DIMENSIONS

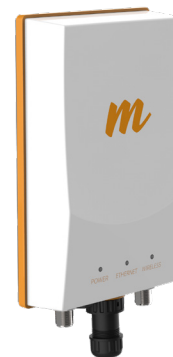
Height: 267 mm (10.5 in)  
Width: 158 mm (6.2 in)  
Depth: 74 mm (2.9 in)  
(without an antenna)

## WEIGHT

1.6 kg (3.5 lbs)

## NETWORK INTERFACE

Single Ethernet





# B24 PTP BACKHAUL RADIO

Breaking through the barriers of price, size, and power requirements, the Mimosa B24 achieves incredible performance at a disruptive price that fits the economics of broadband providers and enterprises in suburban and urban markets.



## **FREQUENCY**

24.00–24.25 GHz  
(Unlicensed)

## **THROUGHPUT**

Up to 1.5 Gbps  
(IP aggregate)

## **ANTENNA**

Integrated 33 dBi

## **INTERFERENCE MITIGATION**

Dual Link; SRS (GPS Sync);  
**Auto** Gain Control, Power,  
Channel Width, Modulation,  
& Frequency

## **RANGE**

Up to 3 km (2 mi)

## **OUTDOOR RATING**

IP67

## **LATENCY**

< 1 ms

## **OUTPUT POWER**

-20 dBm

## **POWER CONSUMPTION**

19.5 W

## **DIMENSIONS**

Diameter: 260 mm (10.2 in)  
Depth: 252 mm (9.9 in)  
(with mounting bracket)

## **WEIGHT**

2.8 kg (6.2 lbs)

## **NETWORK INTERFACE**

Single Ethernet and Fiber

# C5c PTP BACKHAUL RADIO

At one third the cost of existing solutions, the Mimosa C5c backhaul can easily handle long-range PTP deployments. Connectorized, the C5c mates with many popular antennas. In addition to operating as a backhaul, the C5c can also be used in PTMP client applications.

## FREQUENCY

4.90–6.40 GHz  
(Unlicensed)

## THROUGHPUT

Up to 700 Mbps  
(IP aggregate)

## ANTENNA

Connectorized 2x2  
(not included)

## INTERFERENCE MITIGATION

**Auto** Gain Control, Power, Channel  
Width, Modulation, & Frequency

## RANGE

50+ km (30+ mi)

## OUTDOOR RATING

IP55

## LATENCY

< 1 ms

## OUTPUT POWER

27 dBm

## POWER CONSUMPTION

12.9 W

## DIMENSIONS

Height: 189 mm (7.4 in)  
Width: 65 mm (2.6 in)  
Depth: 44 mm (1.7 in)  
(without an antenna)

## WEIGHT

0.3 kg (0.7 lbs)

## NETWORK INTERFACE

Single Ethernet



# C5x PTP BACKHAUL RADIO

The Mimosa C5x is the industry's most versatile, modular, radio solution with five gain options (8, 12, 16, 20 and 25 dBi) and best-in-class noise immunity. In addition to operating as a backhaul, the C5x can also be used in PTMP client applications.



## **FREQUENCY**

4.90–6.40 GHz  
(Unlicensed)

## **THROUGHPUT**

Up to 700 Mbps  
(IP aggregate)

## **ANTENNA**

Twist-On N5-X Options  
(12, 16, 20, 25 dBi)  
(not included)

## **INTERFERENCE MITIGATION**

Noise-Rejecting Antennas;  
**Auto** Gain Control, Power,  
Channel Width, Modulation,  
& Frequency

## **RANGE**

Native (8 dBi): Up to 0.4 km (0.2 mi)  
N5-X12 Horn (12 dBi): Up to 3 km (2 mi)  
N5-X16 Horn (16 dBi): Up to 5 km (3 mi)  
N5-X20 Dish (20 dBi): Up to 7 km (4 mi)  
N5-X25 Dish (25 dBi): Up to 10 km (6 mi)

## **OUTDOOR RATING**

IP55

## **LATENCY**

< 1 ms

## **OUTPUT POWER**

27 dBm

## **POWER CONSUMPTION**

12.9 W

## **DIMENSIONS**

Height: 175 mm (6.9 in)  
Width: 70 mm (2.8 in)  
Depth: 61 mm (2.4 in)  
(without an antenna)

## **WEIGHT**

0.4 kg (0.9 lbs)

## **NETWORK INTERFACE**

Single Ethernet



# POINT-TO- MULTIPOINT (PTMP) SOLUTIONS

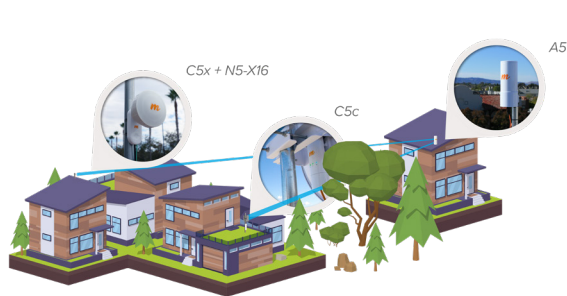
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ENABLING THE CONNECTION OF  
MULTIPLE LOCATIONS VIA LINKS  
FROM A MIMOSA ACCESS POINT

# POINT-TO-MULTIPOINT (PTMP) SOLUTIONS

## MICROPOP (SHORT-RANGE) ARCHITECTURE

Designed for dense, urban, and suburban neighborhoods, our MicroPoP solution targets 250–500 Mbps client speeds—powerful enough to compete against DSL, cable, and FTTH.



### ACCESS POINTS

A5  
A5x + N5-45x2 Antenna  
A5c + N5-45x2 Antennas  
A5c + N5-45x4 Antenna  
A5c + N5-360 Antenna

### CLIENT RADIOS

C5x (native)  
C5x + N5-X12 Horn  
C5x + N5-X16 Horn  
C5x + N5-X20 Dish  
C5c + 3<sup>rd</sup> Party Antenna

## TOWER (LONG-RANGE) ARCHITECTURE

Supports, long-range, massive scaling of subscribers and capacity at existing towers, as well as easy build-out of new tower locations closer to potential subscribers.



### ACCESS POINT

A5x + N5-45x2 Antenna  
A5c + N5-45x2 Antennas  
A5c + N5-45x4 Antenna

### CLIENT RADIO

C5x + N5-X25 Dish  
C5c + High-Gain 3<sup>rd</sup> Party Antenna

# A5 PTMP ACCESS POINT

The Mimosa A5 access point delivers cutting-edge multipoint technology for service providers. Designed for high-density, short-range applications, the A5 features advanced interference reduction techniques to enable service in underserved markets.

## FREQUENCY

4.90–6.40 GHz (Unlicensed)

(Frequency above 6.20 GHz  
requires P/N 100-000xx-01)

## THROUGHPUT

Up to 1 Gbps

(IP aggregate)

## ANTENNA

Integrated 14 dBi

Omni 360°

## INTERFERENCE MITIGATION

SRS (GPS Sync); **Auto** Gain  
Control, Power, Channel Width,  
Modulation, & Frequency

## CLIENT CAPACITY

44 with SRS/GPS Sync

100 with WiFi Interop

## RANGE

Short-Range

## OUTDOOR RATING

IP55

## LATENCY

< 1 ms

## OUTPUT POWER

30 dBm

## POWER CONSUMPTION

25 W

## DIMENSIONS

Height: 314 mm (12.4 in)

Diameter: 142 mm (5.6 in)

## WEIGHT

1.8 kg (4.0 lbs)

## NETWORK INTERFACE

Single Ethernet



# A5c PTMP ACCESS POINT

With fast client speeds and great access point capacity, along with local and network-wide spectrum reuse, the connectorized Mimosa A5c delivers the highest possible scale for any unlicensed Fixed Wireless network. The A5c is perfectly suited for longer-range PTMP applications.



## FREQUENCY

4.90–6.40 GHz (Unlicensed)

(Frequency above 6.20 GHz  
requires P/N 100-000xx-01)

## THROUGHPUT

Up to 1 Gbps  
(IP aggregate)

## ANTENNA

Connectorized 4x4  
(not included)

## INTERFERENCE MITIGATION

Beamforming; Noise-Rejecting  
Antennas (N5-45); SRS (GPS Sync);  
**Auto** Gain Control, Power, Channel  
Width, Modulation, & Frequency

## CLIENT CAPACITY

44 with SRS/GPS Sync  
100 with WiFi Interop

## RANGE

Short to Long-Range

## OUTDOOR RATING

IP67

## LATENCY

< 1 ms

## OUTPUT POWER

30 dBm

## POWER CONSUMPTION

25 W

## DIMENSIONS

Height: 300 mm (11.8 in)  
Width: 151 mm (5.9 in)  
Depth: 85 mm (3.3 in)  
(without an antenna)

## WEIGHT

1.8 kg (4.0 lbs)

## NETWORK INTERFACE

Single Ethernet

# A5x PTMP ACCESS POINT

Compact, cost-effective, and flexible, the Mimosa A5x is well suited for short to medium-range pole and tower multipoint applications, access point colocation, and Public Safety multipoint (4.9 GHz, with the ROW product).

## FREQUENCY

5.15–5.85 GHz FCC/ETSI/CA  
4.90–6.40 GHz ROW  
(Unlicensed)

## THROUGHPUT

Up to 700 Mbps  
(IP aggregate)

## ANTENNA

Connectorized 2x2  
(not included)

## INTERFERENCE MITIGATION

Noise-Rejecting Antenna (N5-45x2);  
SRS (GPS Sync); **Auto** Gain Control, Power,  
Channel Width, Modulation, & Frequency

## CLIENT CAPACITY

44 with SRS/GPS Sync  
64 with WiFi Interop

## RANGE

Short to Long-Range

## OUTDOOR RATING

IP67

## LATENCY

< 1 ms

## OUTPUT POWER

27 dBm

## POWER CONSUMPTION

9.5 W

## DIMENSIONS

Height: 188 mm (7.4 in)  
Width: 75 mm (3 in)  
Depth: 44 mm (1.7 in)  
(without an antenna)

## WEIGHT

0.3 kg (0.7 lbs)

## NETWORK INTERFACE

Single Ethernet





# C5x PTMP CLIENT RADIO

The Mimosa C5x is the industry's most versatile, modular, radio solution with five gain options (8, 12, 16, 20 and 25 dBi) and best-in-class noise immunity. In addition to operating as a client radio, the C5x can also be used in PTP backhaul applications.



## **FREQUENCY**

4.90–6.40 GHz  
(Unlicensed)

## **THROUGHPUT**

Up to 700 Mbps  
(IP aggregate)

## **ANTENNA**

Twist-On N5-X Options  
(12, 16, 20, 25 dBi)  
(not included)

## **INTERFERENCE MITIGATION**

Noise-Rejecting Antennas;  
**Auto** Gain Control, Power, Channel  
Width, Modulation, & Frequency

## **OUTDOOR RATING**

IP55

## **LATENCY**

< 1 ms

## **OUTPUT POWER**

27 dBm

## **POWER CONSUMPTION**

12.9 W

## **DIMENSIONS**

Height: 175 mm (6.9 in)  
Width: 70 mm (2.8 in)  
Depth: 61 mm (2.4 in)  
(without an antenna)

## **WEIGHT**

0.4 kg (0.9 lbs)

## **NETWORK INTERFACE**

Single Ethernet

# C5c PTMP CLIENT RADIO

The Mimosa C5c client radio can easily handle longer-range, rural tower, PTMP deployments. Connectorized by design, the C5c mates with many popular antennas. In addition to operating as a client radio, the C5c can also be used in PTP backhaul applications.

## FREQUENCY

4.90–6.40 GHz  
(Unlicensed)

## THROUGHPUT

Up to 700 Mbps  
(IP aggregate)

## ANTENNA

Connectorized 2x2  
(not included)

## INTERFERENCE MITIGATION

**Auto** Gain Control, Power, Channel  
Width, Modulation, & Frequency

## OUTDOOR RATING

IP55

## LATENCY

< 1 ms

## OUTPUT POWER

27 dBm

## DIMENSIONS

Height: 189 mm (7.4 in)  
Width: 65 mm (2.6 in)  
Depth: 44 mm (1.7 in)  
(without an antenna)

## POWER CONSUMPTION

12.9 W

## WEIGHT

0.3 kg (0.7 lbs)

## NETWORK INTERFACE

Single Ethernet



# ANTENNAS AND ACCESSORIES



# N5-45x2 SECTOR ANTENNA

The Mimosa N5-45x2 is the industry's first two-port sector antenna to deliver the best of both worlds—incredible noise rejection and long-distance performance, with wideband 4.90–6.40 GHz operation.

## FREQUENCY

4.90–6.40 GHz

## GAIN

19 dBi

## CONNECTORS

(2) N-Type Female

## POLARIZATION

Slant 45°

## ELECTRICAL DOWNTILT

2°

## FRONT-TO-BACK RATIO

43 dB

## OUTDOOR RATING

IP55

## DIMENSIONS

Height: 427 mm (16.8 in)

Width: 143 mm (5.62 in)

Depth: 76 mm (3.0 in)

## WEIGHT

2.8 kg (6.2 lbs)

## RECOMMENDED FOR

A5c

A5x

Other 3<sup>rd</sup> Party 2x2 AP's



# N5-45x4 SECTOR ANTENNA

The Mimosa N5-45x4 also delivers the best of both worlds—all the beamforming gain and ground coverage of a sector, with all the sidelobe rejection of a horn. A four-port antenna, it also boasts wideband 4.90–6.40 GHz operation.

**FREQUENCY**

4.90–6.40 GHz

**GAIN**

22 dBi  
(19 dBi + 3 dBi Beamforming)

**CONNECTORS**

(4) N-Type Female

**POLARIZATION**

Dual-Slant 45°

**ELECTRICAL DOWNTILT**

2°

**FRONT-TO-BACK RATIO**

43 dB

**OUTDOOR RATING**

IP55

**DIMENSIONS**

Height: 734 mm (28.9 in)  
Width: 143 mm (5.6 in)  
Depth: 76 mm (3.0 in)

**WEIGHT**

4.1 kg (9.0 lbs)

**RECOMMENDED FOR**

A5c  
Other 3<sup>rd</sup> Party 4x4 AP's

# N5-360 ANTENNA

The industry's first 4-port, beamforming, 360° antenna specifically designed exclusively for Mimosa's A5c access point. The N5-360 antenna's unique design incorporates quad-180° overlapping antenna polarizations, doubling the coverage of short-range, MicroPoP deployments.

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## FREQUENCY

4.90–6.40 GHz

## GAIN

15 dBi

## CONNECTORS

(4) N-Type Female

## POLARIZATION

Dual H+V

## DOWNTILT

2°

## AZIMUTH BEAMWIDTH

360° via Quad-180°  
Overlapping Sectors

## OUTDOOR RATING

IP67

## DIMENSIONS

Height: 492 mm (19.4 in)  
Diameter: 80 mm (3.1 in)

## WEIGHT

1.1 kg (2.4 lbs)

## RECOMMENDED FOR

A5c  
Other 3<sup>rd</sup> Party 4x4 AP's



# N5-X ANTENNAS

Available with either Cassegrain or horn antenna options, the N5-X twist-on antennas, made specifically for the C5x, reduces localized noise and provides immunity from interference with breakthrough front-to-back and front-to-side performance.

## FREQUENCY

4.90–6.40 GHz

## GAIN

N5-X12 Horn: 12 dBi

N5-X16 Horn: 16 dBi

N5-X20 Dish: 20 dBi

N5-X25 Dish: 25 dBi

## CONNECTOR/MOUNT

Mimosa N5-X Twist-On  
(For the C5x only)

## POLARIZATION

Dual-Slant 45°

## FRONT-TO-BACK RATIO

N5-X12 Horn: 29 dB

N5-X16 Horn: 50 dB

N5-X20 Dish: 35 dB

N5-X25 Dish: 40 dB

## FRONT-TO-SIDE RATIO

N5-X12 Horn: 27 dB

N5-X16 Horn: 43 dB

N5-X20 Dish: 37 dB

N5-X25 Dish: 45 dB

## OUTDOOR RATING

IP55

## DIMENSIONS

N5-X12 Horn: Diameter: 76 mm (3.0 in); Depth: 67 mm (2.6 in)

N5-X16 Horn: Diameter: 160 mm (6.3 in); Depth: 116 mm (4.6 in)

N5-X20 Dish: Diameter: 270 mm (10.6 in); Depth: 83 mm (3.3 in)

N5-X25 Dish: Diameter: 429 mm (16.9 in); Depth: 116 mm (4.6 in)

## WEIGHT

N5-X12 Horn: 0.2 kg (0.4 lbs)

N5-X16 Horn: 0.6 kg (1.3 lbs)

N5-X20 Dish: 0.8 kg (1.8 lbs)

N5-X25 Dish: 1.0 kg (2.2 lbs)

## RECOMMENDED FOR

C5x



# ADVANCED J-MOUNT

The J-Mount accessory accommodates most under roof, eave mounting applications. With multiple axes of rotation, the J-Mount provides adjustments for elevation, azimuth, and pole twist for precise aiming.

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## WEIGHT

1.0 kg (2.2 lbs)

## MOUNTING BASE

191 mm (7.5 in) x 120 mm (4.7 in)

## POLE LENGTH

355 mm (14.0 in)

## POLE OUTSIDE DIAMETER

38 mm (1.5 in)

## ARTICULATION ANGLE

110°

## MOUNTING OPTIONS

Surface mount with  
4 screw hole points

## RECOMMENDED FOR

C5x (native 8 dBi)  
C5x + N5-X12 Horn  
C5x + N5-X16 Horn  
C5x + N5-X20 Dish  
C5x + N5-X25 Dish  
B24





# NOTES

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# FLEXIMOUNT XL

The FlexiMount XL is pole and surface mount that accommodates both vertical and horizontal pole mounting applications, as well as basic flat wall mounting. The FlexiMount XL, which replaces the original FlexiMount, boasts a heavy-duty design, a longer pole length and base, and a wide articulation angle.

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## WEIGHT

0.6 kg (1.3 lbs)

## MOUNTING BASE

45 mm (1.8 in) x 127 mm (5.0 in)

## POLE LENGTH

190 mm (7.5 in)

## POLE OUTSIDE DIAMETER

38 mm (1.5 in)

## ARTICULATION ANGLE

180°

## MOUNTING OPTIONS

Surface mount with 2 screw hole points, or  
pole mount with 2 pipe clamps

## RECOMMENDED FOR

C5x (native 8 dBi)  
C5x + N5-X12 Horn  
C5x + N5-X16 Horn  
C5x + N5-X20 Dish  
C5x + N5-X25 Dish  
B24



# PoE INJECTOR

The Mimosa Gigabit PoE injector is passive, compact and clutter-free, eliminating the typical installation mess of power strips and extension cords.



## PoE INPUT VOLTAGE

100-240 VAC ~ 1.5A

50-60 Hz

## PoE OUTPUT VOLTAGE

50 V === 1.2A

## PoE AC CONNECTOR

IEC-329 C6 (3-pin inlet)

## DIMENSIONS

Length: 138 mm (5.4 in)

Width: 62 mm (2.4 in)

Depth: 32 mm (1.3 in)

## WEIGHT

0.2 kg (0.4 lbs)

## RECOMMENDED FOR

A5

A5c

A5x

B5

B5c

B11

B24

C5x

C5c

# PoE WALL PLUG

The Mimosa Gigabit PoE wall plug is passive, compact, and clutter-free, eliminating the typical installation mess of power strips and extension cords.

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## PoE INPUT VOLTAGE

100-240 VAC ~ 0.8A

50-60 Hz

## PoE OUTPUT VOLTAGE

56 V === 0.275A

## PoE AC CONNECTORS

Type A (US)

Type C (EU)

Type G (UK)

Type I (AUS/NZ)

## DIMENSIONS

Length: 86 mm (3.4 in)

Width: 51 mm (2.0 in)

Depth: 33 mm (1.3 in)

## WEIGHT

0.1 kg (0.2 lbs)

## RECOMMENDED FOR

A5x

C5x

C5c



# NID FOR ESD PROTECTION

The cost-effective Mimosa Gigabit Network Interface Device (NID) protects electrical systems from ESD (electrostatic discharge) surges. It's designed for exterior wall mounting, providing outdoor technician access, ESD protection, and a grounding point for all radio installations.



## DATA TRANSFER RATE

Gigabit Rated

## CONNECTORS

(2) RJ-45

## PROTECTION MODE

Line-to-Line

Line-to-Ground

## SURGE ARRESTOR

Gas Discharge Tube (GDT)

## DC SPARKOVER

90 V @ 100 V/s

## IMPULSE SPARKOVER

550 V @ 1000 V/ $\mu$ s

## IMPULSE DISCHARGE CURRENT

10 kA

## CAPACITANCE

< 1.0 pF @ 1 MHz

## MOUNTING

Wall mount with 2 screw mounting points, with optional rear feed point for clean installation

## DIMENSIONS

Length: 131 mm (5.1 in)

Width: 84 mm (3.3 in)

Depth: 42 mm (1.6 in)

## WEIGHT



0.1 kg (0.2 lbs)

## RECOMMENDED FOR

All Radio Installations

# CLOUD SOLUTIONS




COMPREHENSIVE NETWORK &  
DEVICE MANAGEMENT SOLUTIONS

Tower	Height
Data Center 	15.1 ft
Tower 	145.0 ft

## Radio

B11 - United States 

To aid in FCC Licensed Link pre-coordination, set channel settings to filter out non-impacting 3rd party FCC Licensed Links.

Lower Band frequency	Upper Band frequency
10755 	11245
Channel Width MHz	Antenna Type MHz
2x80 	Jirous-900 37.5 dBi 

Show FCC Frequencies









Fly Through

Installation Report

Link Settings

## ▼ LINK SUMMARY

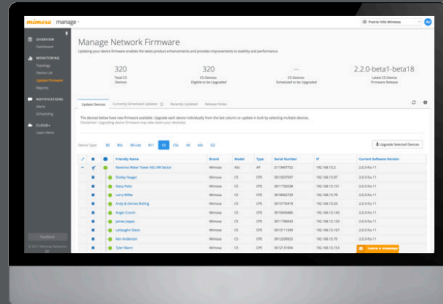


LINE OF SIGHT	Yes	FRESNEL OBSTR	0 %
RAIN RELIABILITY	99.99% %	LINK DISTANCE	2.73 mi
SNR	 46.86 dB	SNR	 51.47 dB
PHY	 1733 Mbps	PHY	 1733 Mbps
AGGR IP	 1387 Mbps	AGGR IP	 1387 Mbps



# CLOUD TOOLS

We get the demands on your network. Subscriber growth, interference, and environmental fluctuations continually impact your wireless network. Our goal is to make sure you can easily design and manage your network to provide the service your end customers demand. Mimosa Cloud services bring simple network planning and big data analytics to your wireless network to help your business grow.



# INSTALL APP

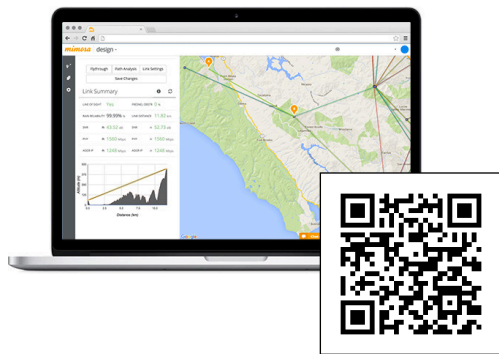
Install subscribers in a snap with Mimosa's Install app. Unlock, configure, aim, and connect all from the palm of your hand. The Mimosa Install app for Android and Apple iOS devices sets a new standard for ISP's to easily and efficiently control installation processes for off-the-shelf C5c and C5x client devices, speeding up customer installations.





# DESIGN TOOL

Trees grow, houses are built, new sources of wireless interference appear, extreme weather conditions occur and suddenly your network is not working the way it should. Mimosa helps you plan for both theoretical and actual network performance. The Mimosa Design Tool provides a quick, easy way to plan and validate integrated point-to-point and point-to-multipoint deployments by simply clicking on a map.



Scan QR code to view the Design Tool overview video.

# CLOUD MANAGEMENT

The Cloud, together with big data, brings a greater level of insight into your network than ever before possible. Mimosa Cloud services gives you one-stop management, monitoring, and sophisticated analytics for Mimosa devices.

We have taken a modern approach to our Cloud services architecture, to provide you the most reliable and secure service. With multiple data centers, scalable database structures, and a micro service-based infrastructure running with 24-hour support, we take care of the reliability for you. For top notch security, to protect your customers and your network, we have built our system so that only your devices connect to us. Once connected, we establish a secure tunnel directly to your device.



# NOTES

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For more information about our any of products or solutions, please visit [mimosa.co](http://mimosa.co) or contact our sales team at [sales@mimosa.co](mailto:sales@mimosa.co)



Mimosa Networks, a division of Airspan, is the global technology leader in wireless broadband solutions, enabling service providers to connect dense urban and hard-to-reach rural homes at a fraction of the cost of fiber. Mimosa Networks was acquired in 2018 by Airspan, the leading vendor of 4G/5G wireless densification solutions.

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