ACCESSORIES / ANTENNAS

O2B-G10-1P-N

High-gain dual-band omnidirectional antenna

Extend dual-band radio coverage with a 550 mm omnidirectional antenna, vertical polarization and a single N-male RF connection.

Higher antenna gain

7 dBi at 2.4 GHz and 10 dBi at 5 GHz.

All-round azimuth coverage

360° horizontal coverage with a 15° vertical beamwidth.

Outdoor integration

ABS radome and DC-ground lightning protection.



7 / 10 dBi	360°	1 PORT	550 mm
2.4 / 5 GHz GAIN	HORIZONTAL COVERAGE	N MALE	LENGTH

Complete the radio installation.

Radio compatibility

Match the antenna frequency bands and RF ports to the radio.

Coverage planning

Select polarization and beamwidth for the intended coverage area.

Installation details

Verify connector configuration, mounting and RF cabling.

Select an RF configuration compatible with the radio frequency bands, connector type and port count.

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TECHNICAL SPECIFICATIONS

O2B-G10-1P-N

Electrical & RF

Product type	Dual-band omnidirectional antenna
Frequency range	2,400-2,485 MHz · 5,150-5,850 MHz
Gain	7 dBi at 2.4 GHz · 10 dBi at 5 GHz
RF ports	1
Connector	N male
Horizontal beamwidth	360°
Vertical beamwidth	15°
Polarization	Vertical
VSWR	<2.0 on both bands
Impedance	50 Ω
Maximum power per port	50 W

Hardware & power

Lightning protection	DC ground

Mechanical & environmental

Dimensions	Ø20 × 550 mm
Weight	0.8 kg
Radome material	ABS
Color	White or gray
Rated wind speed	60 m/s
Operating temperature	-40 to +70 °C

Ordering information

Model	O2B-G10-1P-N
Package contents	Available on request

Select an RF configuration compatible with the radio frequency bands, connector type and port count.

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