ACCESSORIES / ANTENNAS

O2B-G8-1P-N

Dual-band omnidirectional antenna

Provide 360° azimuth coverage on 2.4 and 5 GHz with a compact, single-port antenna and an N-male connector.



Dual-band coverage

6 dBi at 2.4 GHz and 8 dBi at 5 GHz.

Simple RF connection

One N-male connector with 50-ohm impedance.

Compact antenna

300 mm length and 20 mm nominal diameter.

6 / 8 dBi	360°	1 PORT	300 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-G8-1P-N

Electrical & RF

Product type	Dual-band omnidirectional antenna
Frequency range	2,400-2,500 MHz · 5,150-5,850 MHz
Gain	6 dBi at 2.4 GHz · 8 dBi at 5 GHz
RF ports	1
Connector	N male
Bandwidth	100 MHz · 700 MHz
Horizontal beamwidth	360°
Vertical beamwidth	40°
Polarization	Vertical
VSWR	Typical ≤1.5 · Maximum 2.0
Impedance	50 Ω
Maximum power	50 W

Mechanical & environmental

Dimensions	Ø20 × 300 mm
Weight	360 g
Color	White or gray
Rated wind speed	60 m/s

Ordering information

Model	O2B-G8-1P-N
Package contents	Available on request

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