ACCESSORIES / ANTENNAS

O5G13-2P-R

Dual-polarized omnidirectional antenna

A high-gain, two-port omnidirectional antenna for compatible radios operating from 4.9 to 5.8 GHz.

13 dBi antenna gain

360° horizontal coverage with a 7° vertical beamwidth.

Two RF connections

RP-SMA or N-female connector configurations.

Weather-protected design

IP65 construction with a UV-resistant PVC radome.



13 dBi	2 PORTS	360°	IP65
ANTENNA GAIN	RF CONNECTIONS	HORIZONTAL COVERAGE	WEATHER PROTECTION

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

O5G13-2P-R

Electrical & RF

Product type	Dual-polarized omnidirectional antenna
Frequency range	4.9-5.8 GHz
Gain	13 dBi
RF ports	2
Connector options	2× RP-SMA or 2× N female
Horizontal beamwidth	360°
Vertical beamwidth	7°
Polarization	Dual slant · V / H
Port isolation	>25 dB
VSWR	<2.0
Maximum power per port	50 W
Impedance	50 Ω

Hardware & power

Lightning protection	DC ground

Mechanical & environmental

Dimensions	Ø70 × 800 mm
Weight	3 kg
Radome material	UV-resistant PVC
Bracket material	Aluminum
Color	White
Weather protection	IP65
Mounting	Pole · 30-70 mm diameter
Operating temperature	-40 to +70 °C

Ordering information

Model	O5G13-2P-R
Package contents	Available on request

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

October 2026 / Refined edition

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