

Indoor Dual-Polarization Wall-Mounted Antenna

This is an indoor dual-polarization wall-mounted antenna. It is designed for wireless networks, cellular signal boosting, and other communication systems requiring efficient signal transmission and reception.



Overview

Indoor Dual-Polarization Antenna

This indoor dual-polarization wall-mounted antenna is engineered for reliable signal transmission and reception in complex indoor environments. Featuring a dual-polarization design, it effectively mitigates multipath interference to enhance overall network performance. Its compact, space-saving form factor allows for straightforward wall mounting, making it an ideal solution for wireless networks and cellular signal boosting systems.

Electrical Performance

Key Performance Metrics

6 dBi

Gain

50 Ω

Impedance

50 W

Max Input Power

Frequency Range	698-960/1710-2700 MHz
Polarization	$\pm 45^\circ$
VSWR	d2.0/d1.6

Mechanical Specifications

Dimensions	318 x 200 x 65 mm
Antenna Weight	0.39 kg
Connector Type	2 x N-Female
Materials	Aluminum, Copper, ABS

Environmental

Wind Performance

- Wind loading area: d0.2
- Rated wind velocity: 36.9 m/s

Operating Temperature	-40 to 55 $^\circ\text{C}$
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