

Dual Polarization Omni Ceiling Indoor Antenna

This dual polarization omni antenna is designed for indoor ceiling installation. It supports a wide frequency range and enhances signal quality for indoor wireless communication systems.



Overview

Dual Polarization Omni Ceiling Antenna

This dual polarization omni-directional ceiling antenna is engineered for high-performance indoor wireless communication systems. Designed for discreet installation, it provides reliable coverage across a wide frequency range, making it an ideal solution for offices, shopping malls, and public indoor spaces. Its robust construction and versatile signal support ensure enhanced capacity and signal quality for modern wireless networks.

Electrical Specifications

Gain by Frequency

2 dBi

806-960 MHz

3.5 dBi

1710-2170 MHz

4 dBi

2300-2700 MHz

Beam Width Specifications

Metric	806-960 MHz	1710-2170 MHz	2300-2700 MHz
Horizontal Beam Width	360°	360°	360°
Vertical Beam Width	80°	55°	45°

Frequency Range 806-960 MHz, 1710-2170 MHz, 2300-2700 MHz

VSWR 1.5 d

Impedance 50 Ω

Maximum CW Power 50 W

IMD 3rd Order -140 dBc (@ 2 x 2W carriers Both Ports)

Mechanical Specifications

Input Connector 2 x N-Female

Dimensions $\varnothing 180 \times 120$ mm

Weight 0.6 kg

Radome Material ABS

Environmental Specifications

Application Environment

Indoor

Operating Temperature -40°C ~ +55°C