

LT-CO-340-360-2.5

Omnidirectional Ceiling Mount Antenna

The Lamatel LT-CO-340-360-2.5 is a compact omnidirectional ceiling mount antenna engineered for indoor UHF communication systems operating between 340–360 MHz. It provides 2.5 dBi gain with consistent 360° coverage, ensuring reliable signal distribution across enclosed spaces such as offices, hospitals, warehouses, and commercial buildings.

Designed for discreet installation, this antenna combines sleek aesthetics with performance. Its low VSWR, lightweight construction, and durable materials make it a dependable solution for long-term indoor use in public safety and private communication systems.

Key Features

- Frequency Range: 340–360 MHz
- Gain: 2.5 dBi omnidirectional coverage
- Low VSWR: ≤ 1.5 for efficient performance
- Polarization: Vertical
- Design: Compact ceiling-mount, low-profile form
- Connector: N-Female for secure installation
- Durability: Corrosion-resistant, lightweight, and long-lasting
- Power Rating: Up to 50 W continuous operation

Ordering Information

The LT-CO-340-360 2.5 (340-360 MHz 2.5 dBi) belongs to the Omnidirectional Ceiling Mount.

Other available models in this series include:

LT-CO-340-360-2.5 (340-360 MHz 2.5 dBi)
LT-CO-380-400-2.5 (450-470 MHz 2.5 dBi)
LT-CO-400-420-2.5 (450-470 MHz 2.5 dBi)
LT-CO-410-430-2.5 (450-470 MHz 2.5 dBi)
LT-CO-430-450-2.5 (450-470 MHz 2.5 dBi)
LT-CO-450-470-2.5 (450-470 MHz 2.5 dBi)

Custom options are available upon request, including specific frequency ranges, connector types, and channel bandwidths.

Specifications

Parameter	Specification
Model	LT-CO-340-360-2.5
Frequency Range	340–360 MHz
Antenna Gain	2.5 dBi
Power Rating	50 W
Impedance	50 Ω
VSWR	≤ 1.5
Polarization	Vertical
Beamwidth (V/H)	80° / 360°
Connector Type	N-Female
Antenna Size (Ø × H)	Ø165 × 94 mm
Weight	0.3 kg
Mounting Type	Ceiling Mount
Bandwidth	Center Frequency ± 2 MHz
Material	UV-resistant ABS enclosure
Environment	Indoor use

Applications

- Compact & Lightweight: Easy to install in false ceilings or indoor panels.
- Consistent Coverage: Ensures stable and uniform indoor communication.
- Durable & Low-Maintenance: Resistant to heat, humidity, and corrosion.

