

# Mobile Mark Industrial 2.4 GHz, Omnidirectional Antenna, 3 dBi, High Vibration

SKU: ANT-MM-00005

MPN: OD3-2400MOD2

## Description

The Mobilemark OD3-2400 Series 2.4 GHz WiFi antenna is popular because of its high-performance and rugged construction. The base is irradiated for weather protection and the antenna elements are enclosed in a durable fiberglass radome. The radome is filled with a weatherproofing and vibration absorbing dielectric material. The antenna terminates with an integrated N Female connector at its base.

The OD Series antennas provide omnidirectional coverage for WiFi 2.4 GHz applications. Four models are available from 3 to 12 dBi gain. These antennas are collinear arrays. Unique phasing cancels out-of-phase current distribution, improving performance. The OD series are free space antennas; no ground plane is required.

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The antennas are durable and rugged. They can withstand the harshest environments of snow, wind, rain and ice.

Mobile Mark's OD3-2400 2.4 GHz WiFi antenna has been selected as the model preferred by most mining and industrial applications due to its extreme reliability. The model has been shock and vibration tested in accordance with EN 300 019-2-4 and IEC 60068 environmental testing standards.



## Mobile Mark



Mobile Mark, Inc. is a leading supplier of antennas to wireless companies throughout the world. They offer innovative designs, quality manufacturing, and reliable performance. Many of their products feature innovative, patented designs, available only from Mobile Mark.

Established in 1984, Mobile Mark global headquarters, which includes design and production capacity, is located near Chicago, IL ...

# RF Specification

## 2.4 GHz WiFi

Start Frequency:	2400 MHz	Polarisation:	Vertical (V)
Stop Frequency:	2485 MHz	Input Impedance:	50
Max. Input Power:	100 W		

## RF Connectors

RF Interface	Body Shape
N Female	Straight

## Frequency Test Data

Start Freq.	Stop Freq.	Peak Gain	VSWR	Azimuth	Elevation
2400 MHz	2485 MHz	3 dBi	< 2:1	360°	55°

# Physical Specification

Subtype:	Collinear	Dimensions:	360 x 25 x 25
Input Ports:	1	Ingress Protection:	IPX5
MIMO:	1x1 SISO	Materials:	Aluminium, Fibreglass (GRP)
Min. Operating Temperature:	-40 °C	Mounting:	Pole Clamp 25 to 63 mm
Max. Operating Temperature:	85 °C	Weight:	0.7 kg

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