

Mobile Mark Industrial 2.4 GHz Omnidirectional Antenna, 6 dBi, High Vibration

SKU: ANT-MM-00006

MPN: OD6-2400MOD2-BLK

Description

The OD6-2400 Series Data Transfer Network 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 OD antennas normally terminate with a female N connector.

The OD Series antennas provide omnidirectional coverage for WiFi 2.4 GHz applications. Four models are available from 3 to 12 dBi gain, with this model having a medium-high gain of 6 dBi. 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.

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



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

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

RF Connectors

RF Interface

N Female

Body Shape

Straight

Frequency Test Data

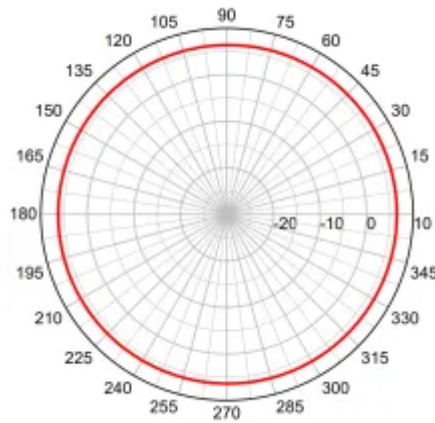
Start Freq.	Stop Freq.	Peak Gain	VSWR	Elevation
2400 MHz	2485 MHz	6 dBi	< 2:1	25°

Polar Patterns

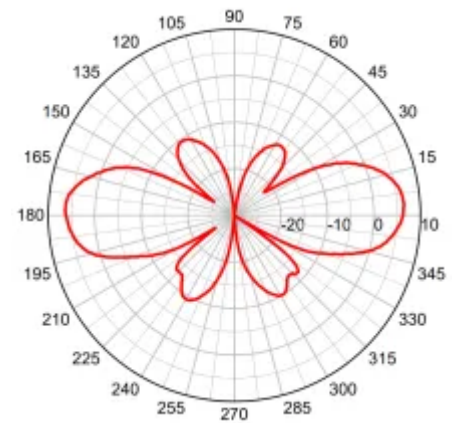
Start Frequency: 2400 MHz

Stop Frequency: 2485 MHz

Azimuth Polar Plot



Elevation Polar Plot



Physical Specification

Subtype:	Collinear	Dimensions:	25 × 25 × 430 mm
Input Ports:	1	Materials:	Aluminium, Fibreglass (GRP)
MIMO:	1x1 SISO	Mounting:	Pole Clamp 25 to 63 mm
Min. Operating Temperature:	-40 °C	Weight:	0.7 kg
Max. Operating Temperature:	85 °C		

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