

2.4 GHz ISM Ultra Flat Omnidirectional Diversity Antenna

The UFO 2.4 GHz ISM diversity omnidirectional antenna is designed for above ceiling spatial diversity applications that require frequency coverage from 2.4 GHz to 2.5 GHz. This model combines two ultra flat omnidirectional antennas with isolation greater than 25dB.

It utilizes UL listed materials that meet the strictest safety specifications for in-building installations, including 3' Plenum rated pigtails that can be

terminated with various types of connectors. An above ceiling mount MACM(sold separately) is designed to keep the antenna out-of-sight in occupied locations.

The antenna is also available with an MACMAP mounting bracket designed for the CISCO AP1200 access point. The model UFODAP1200 includes the UFOD24003PT antenna and the MACMAP CISCO AP1200 access point mounting bracket.

Features and Benefits:

- Efficient omnidirectional diversity performance.
- Above ceiling mount makes antenna invisible to occupied areas.
- Dual stud mount method.
- Optional adjustable mounting bracket and hardware for suspended ceiling installations.
- Utilizes UL94-V0 materials that provide UL's highest flame retardant rating for maximum placement flexibility. Meets the most stringent building codes
- UL910 rated Plenum cable can be installed in the strictest indoor mounting locations, including air ducts.



UFODAP1200 installed above ceiling (AP not shown)

General Specifications:

Polarization:

Vertical, linear

Nominal Impedance:

50 Ohms

Mounting Method:

Dual 10-32 stud mount.

Optional adjustable mounting bracket and hardware for suspended ceiling installations.

(add connector part number after the PT prefix):

Example: UFOD24003PTNF (model UFOD24003 with N, female connector).

N female (part #NF)

Reverse Polarity TNC (part #RPTNC)

Reverse Polarity BNC (part #RPBN)

TNC (part #C)

SMA (part #MSMA)

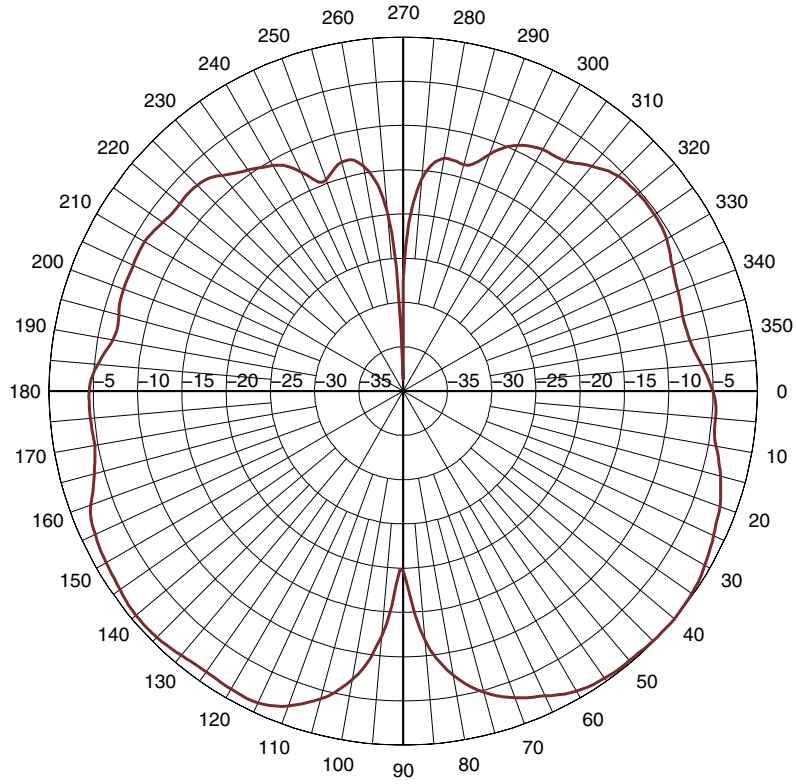
Connector Options:

Electrical Specifications

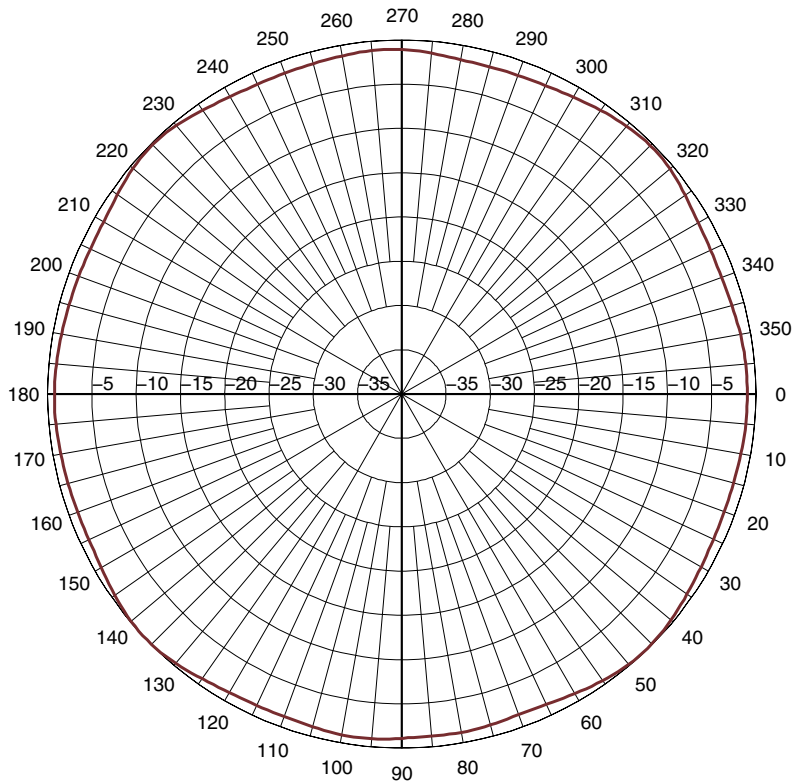
Model #	Frequency Range	Nominal Gain	Isolation	Horizontal Beamwidth	Vertical Beamwidth	VSWR	Maximum Power Input	Connector
UFOD24003PT	2400-2500 MHz	3 dBi	> 25 dB	360°	55°	< 2.0:1	20 Watts	Various options
UFODAP1200	2400-2500 MHz	3 dBi	> 25 dB	360°	55°	< 2.0:1	20 Watts	Various options

Mechanical Specifications

Model #	Temperature Range	Dimensions	Weight	Cable
UFOD24003PT	-40°C to +70°C	5" x 10" x 0.12" 12.7 x 25.4 x 0.32 cm	0.5 lbs (0.23 kg)	Dual 3' Plenum RG58/U
UFODAP1200	-40°C to +70°C	36" L x 9" W x 9" H (assembled) 26.5" L x 8.5" W x 3" H (shipped)	3.5 lbs (1.59 kg)	Dual 3' Plenum RG58/U



UFOD24003PT Elevation Cut



UFOD24003PT Azimuth Cut