

Mesh Series™

Omni Antennas ODxxM

2.4-5.85 GHZ VERTICALLY POLARIZED OMNIDIRECTIONAL ANTENNA

The Mesh Series™ omnidirectional antenna series are designed with mesh networking in mind. With their waterproof N male connector they can be easily mounted to an enclosure like the die-cast enclosure (DCE-7x6x2) to give total wireless coverage. Various gains and frequencies are available. They are constructed of UV resistant materials and are waterproof for a long service life.

FEATURES

- Mesh networking vertically polarized omni-directionals
- Various gains available: 5dBi to 12dBi
- Various frequencies available: 2.4GHz & 5GHz
- Type N male integrated connector
- Rugged, lightweight, and waterproof

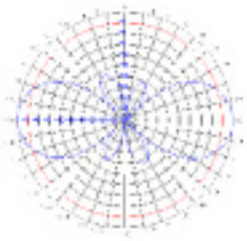
MARKETS

- Mesh networking applications
- 2 to 6 GHz wireless applications
- Point to multi-point systems
- Base station antennas
- Wi-Fi access points
- WiMax base stations

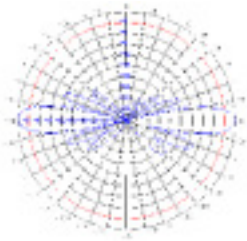
PARAMETER	
VSWR	1.5:1
Impedance	50 ohm
Input power	10W
Rate wind velocity	125 mph (56 m/sec)
Operating temperature	-40 - +70°C
IP Rating	IP53

MODEL	FREQ. (MHz)	GAIN	VERT BW	WEIGHT	DIM (L X DIA)
OD24M-5	2400-2485	5dBi	25°	0.5 lbs (0.2 kg)	12 x 0.6 in (355 x 15 mm)
OD24M-9	2400-2485	9dBi	14°	0.8 lbs (0.4 kg)	27 x 0.6 in (690 x 15 mm)
OD58M-12	5400-5850	12dBi	7°	0.65 lbs (0.5 kg)	27.5 x 0.6 in (700 x 15 mm)

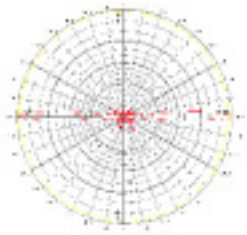
ANTENNA PATTERNS



OD24M-5 E-Plane



OD24M-9 E-Plane



OD58M-12

SYSTEM ORDERING

OD _ _ M- _ _

Frequency
24 = 2400 to 2485 MHz 35 = 3400 to 3600 MHz 49 = 4940 to 4990 MHz 58 = 5400 to 5858 MHz 5W = 5150 to 5850 MHz

Gain
5 = 5dBi
12 = 12dBi

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