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Mesh Series™ Vertically Polarized Omni 2.4GHz to 5.85GHz

The Mesh Series™ omnidirectional antenna systems offered by Laird Technologies are designed with mesh networking in mind. With their waterproof N male connector they can be easily mounted to an enclosure like the Laird Technologies 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 and Benefits:

- Mesh networking vertically polarized omnidirectionals
- Various gains available: 5dBi to 12dBi
- Various frequencies available: 2.4GHz 3.5GHz, 4.9GHz, 5GHz, also Tri-Band Model
- Type N male integrated connector
- Rugged, lightweight and waterproof

Applications

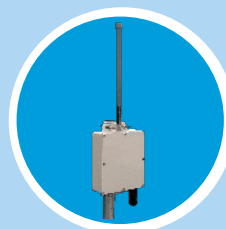
- Mesh networking applications
- 2 to 6 GHz wireless applications
- Point to multi-point systems
- Base station antennas
- WiFi access points
- WiMax base stations

For sales information:

Telephone 800-323-3757

E-Mail sales@pacwireless.com

or visit: www.pacwireless.com

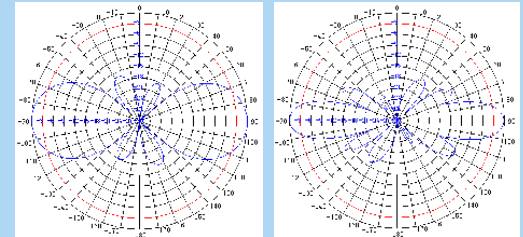


Specifications

Parameter	Min	Typ	Max	Units	
VSWR		1.5:1			
Impedance		50		OHM	
Input Power			10	W	
Rated Wind Velocity			125 (56)	mph (m/sec)	
Operating Temperature	-40		+70	Deg C	

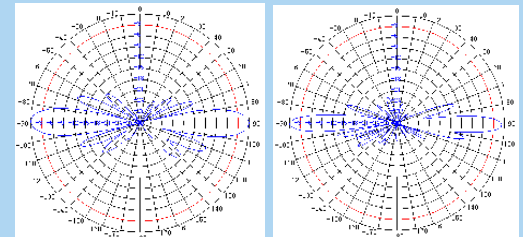
Model	Freq. (MHz)	Gain	Vert BW	Weight	Dim (L x dia)
OD24M-5	2400-2485	5dBi	25 deg	0.5 lbs (0.2kg)	12x0.6" (355x15mm)
OD24M-7	2400-2485	7dBi	18 deg	0.6 lbs (0.3kg)	21x0.6" (540x15mm)
OD24M-9	2400-2485	9dBi	14 deg	0.8 Lbs (0.4kg)	27x0.6" (690x15mm)
OD24M-12	2400-2485	12dBi	7 deg	1.4 Lbs (0.6kg)	48x0.6" (1220x15mm)
OD35M-10	3400-3600	10dBi	14 deg	1.1 Lbs (0.5kg)	27x0.6" (690x15mm)
OD49M-6	4940-4990	6dBi	30 deg	1.5oz (43g)	7x 0.5" (175x13mm)
OD49M-11	4940-4990	11dBi	5 deg	1.1 Lbs (0.5kg)	31x0.6" (787x15mm)
OD5WM-6	5150-5850	6dBi	8.5 deg	5oz (0.14kg)	19x0.6" (483x15mm)
OD58M-12	5400-5850	12dBi	7 deg	.65 Lbs (0.5kg)	27.5x0.6" (700x15mm)
RD2458-5-NM	2400-2485, 5150-5350, 5725-5850	2dBi@2.4 5dBi@5.8	120 deg	1.6oz (45.4g)	7.6x0.5" (193 x 12.7mm)

Antenna Patterns



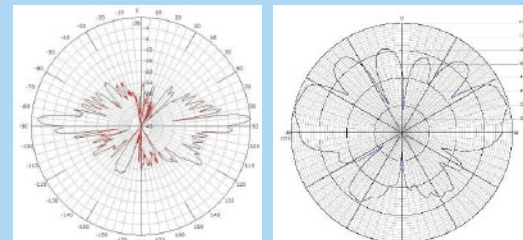
OD24M-5 E-Plane

OD24M-7 E-Plane



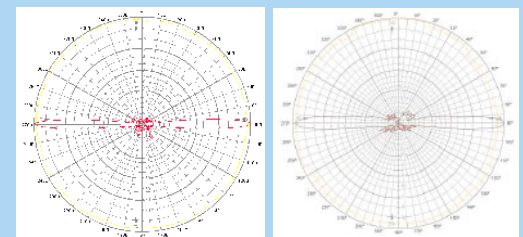
OD24M-9 E-Plane

OD24M-12 E-Plane



OD49M-11D1 E-Plane

OD49M-6 E-Plane



OD58M-12

OD5WM-6

System Ordering:



Frequency
 24 = 2400 to 2485MHz
 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
 etc.

Notes:

- All shipments F.O.B. Schaumburg, IL 60173
- All antennas carry a 2 Year Warranty

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Specifications subject to change without notice.



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