

2.4GHz 8dBi Omni-directional Antenna

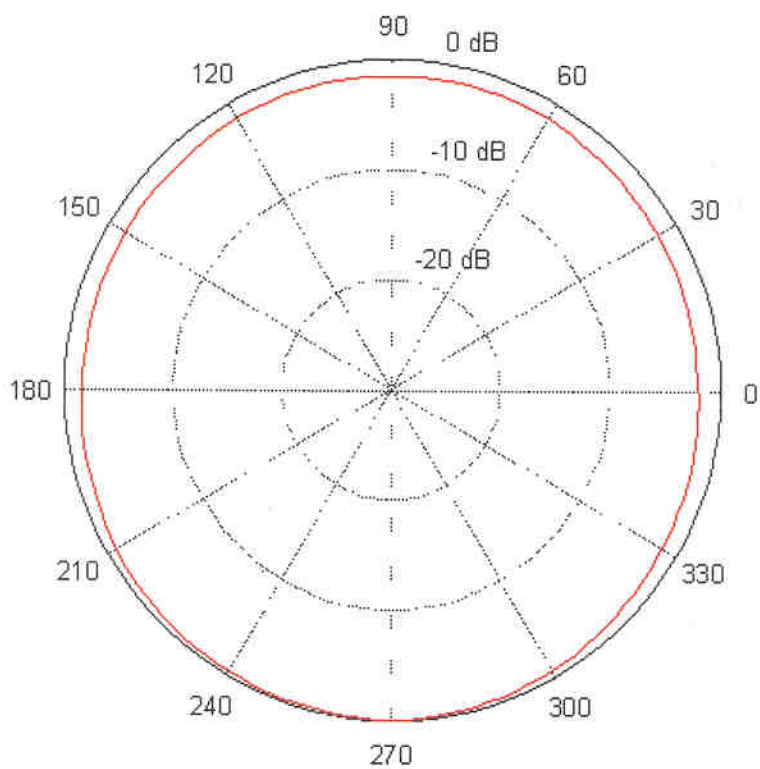
Model Number: OM-08



Technical Specifications

No	ITEM	TYPICAL	REMARKS
1	Frequency Range	2400 – 2483 MHz	
2	Impedance	50 Ω	
3	VSWR (or Return Loss)	$\leq 1.5:1$ (or $\geq 14\text{dB}$)	
4	Gain	8dBi	
5	Polarization	Vertical, Linear	
6	3dB Horizontal Beamwidth	360°	See attached plot
7	3dB Vertical Beamwidth	18°	See attached plot
9	Max. Power Input	20W	
10	Connector	Female N, Bottom-Feed	
11	Appearance	See attached drawing	
12	Size	435mm $\times$ 28mm	
13	Housing Material	Fiber-Glass	
14	Radome Material	ASA with UV Protection	
15	Radome Color	Gray	
16	Case Design	Water Resistant	
17	Weight	300g	
18	Wind Loading (Frontal)	$\geq 10\text{Kg}$	200km/h
19	Temperature Range	-30 to +75 ° C	
20	Storage Temperature	-30 to +75 ° C	
21	Sensing Resistor or DC-Ground	Yes	
22	Mounting Hardware	Gear Clamp	
23	Life Expectancy	20 years	

Radiation Pattern (H-Plane)



Radiation Pattern (E-Plane)

