

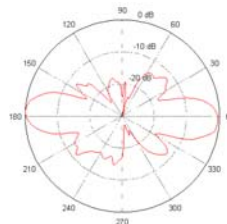
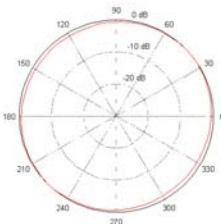
2.4GHz 6.5dBi Omni-directional Antenna

Model Number: RFDG140



Technical Specifications

ITEM	TYPICAL	REMARKS
Frequency Range	2400 – 2483 MHz	
Impedance	50 Ω	
VSWR (or Return Loss)	≤ 1.5:1 (or ≥ 14dB)	
Gain	6.5dBi	
Polarization	Vertical, Linear	
3dB Horizontal Beamwidth	360°	See Plot
3dB Vertical Beamwidth	24°	See Plot
Max. Power Input	20W	
Connector	Female N, Bottom-Feed	Or Custom Design
Appearance	See attached drawing	
Size	345mm × 28mm	
Housing Material	Fiber-Glass	
Radome Material	ASA with UV Protection	
Radome Color	Gray or White	
Case Design	Water Resistance	
Weight	220g	
Wind Loading (Frontal)	≥ 10Kg	200km/h
Temperature Range	-45 to +75 ° C	
Storage Temperature	-30 to +75 ° C	
Sensing Resistor or DC-Ground	Yes	
Mounting Hardware	Gear Clamp	
Life Expectancy	20 years	



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