

Omni Antenna 2.3 – 2.7 GHz P. N. 300650



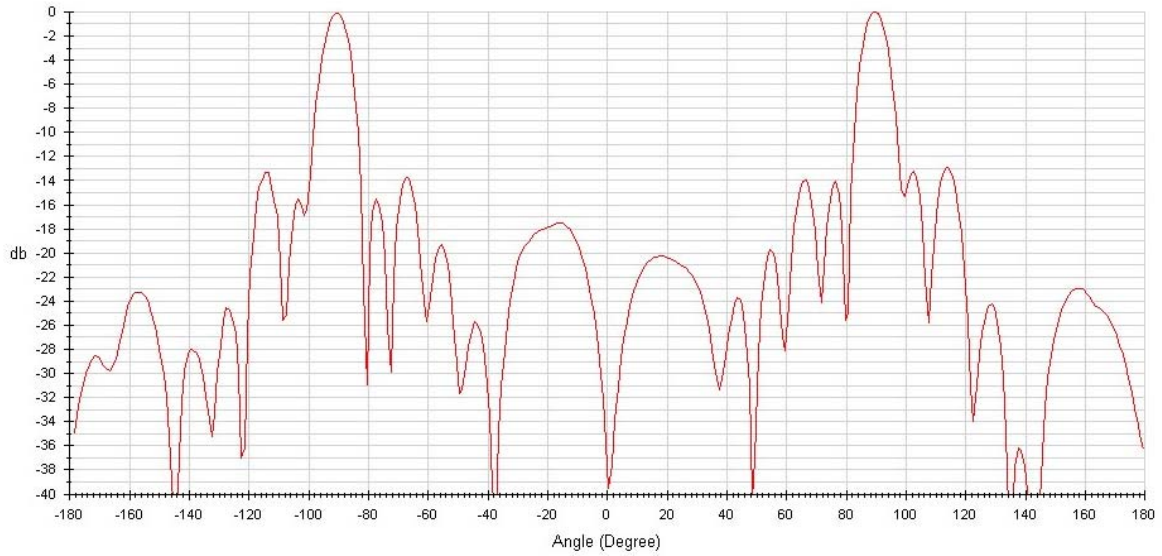
REGULATORY COMPLIANCE	RoHS Compliance
<u>ELECTRICAL</u>	
FREQUENCY RANGE	2.3 – 2.7 GHz
PEAK GAIN	8dBi(min) @ 2.3-2.4GHz 9 ± 0.5dBi @ 2.4-2.7GHz
VSWR	1.7:1 (max)
AZIMUTH BEAMWIDTH	360° (min)
AZIMUTH RIPPLE	± 1dB (max)
ELEVATION BEAMWIDTH	8.5° (typ)
POLARIZATION	Linear Vertical
E - PLANE SIDE LOBE LEVEL	-9dB (typ)
INPUT IMPEDANCE	50 (ohm)
INPUT POWER	4W (max)
LIGHTNING PROTECTION	DC Grounded
<u>MECHANICAL</u>	
DIMENSIONS DIAMETER HEIGHT	45mm 830mm
WEIGHT	0.5 kg (max)
CONNECTOR	N-Type Female
RADOME	Plastic, UV Resistant
BASE PLATE	Aluminum with chemical conversion coating
MOUNTING H.W	Mounting Bracket for Pole Φ1” – Φ3”

<u>ENVIRONMENTAL</u>	
TEMPERATURE RANGE	IEC 68-2-1-2 -55°C to +71°C
TEMP. CYCLING	IEC 68-2-14 -45°C to +70°C
VIBRATION	IEC 60721-3-4 Random 4M3
SHOCK MECHANICAL	IEC 60721-3-4 4M3
HUMIDITY	ETSI EN300-2-4 T4.1E
WATER TIGHTNESS	IEC 529 IP-67
SOLAR RADIATION	ASTM G53
FLAMMABILITY	UL 94 class HB
SALT SPRAY	IEC 68-2-11 Ka
ICE AND SNOW	25mm Radial
WIND SPEED: SURVIVAL OPERATION	220 Km/h 160 Km/h

ANTENNA PATTERNS

Elevation Pattern

Frequency 2.5GHz



Azimuth Pattern

Frequency 2.5GHz

