

Omni Antenna 4.9 – 5.875 GHz
P. N. 300709



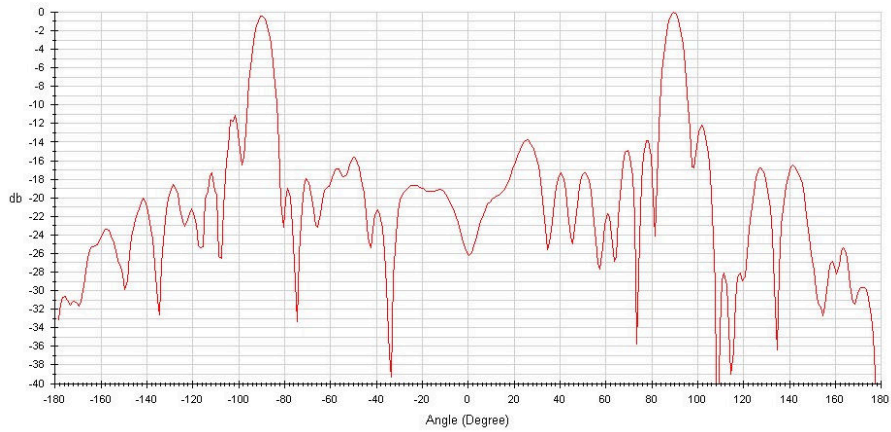
REGULATORY COMPLIANCE	RoHS Compliance
<u>ELECTRICAL</u>	
FREQUENCY RANGE	4.9 – 5.875 GHz
GAIN	9.5dBi
VSWR	1.85:1
AZIMUTH BEAMWIDTH	360° (min)
AZIMUTH RIPPLE	±1 dB (max) @ 4.9 – 5.47GHz ±1.5 dB (max) @ 5.47 – 5.875GHz
POLARIZATION	Linear Vertical
E - PLANE BEAMWIDTH	7° (typ)
E - PLANE SIDE LOBE LEVEL	-10 dB (max)
INPUT IMPEDANCE	50 (ohm)
INPUT POWER	6W (max)
LIGHTNING PROTECTION	DC Grounded
<u>MECHANICAL</u>	
DIMENSIONS DIAMETER HEIGHT	28mm (max) 464mm (max)
WEIGHT	0.7 kg (max)
CONNECTOR	N-Type Female
RADOME	Plastic, UV Resistant
MOUNTING H.W	Mounted Bracket to pole Ø1.5" - Ø3"
MOUNTHING WEIGHT	0.5 kg (max)

<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 4M5
SHOCK MECHANICAL	IEC 60721-3-4 4M5
HUMIDITY	ETSI EN300-2-4 T4.1E 95%
WATER TIGHTNESS	IEC 529 IP-67
SOLAR RADIATION	ASTM G53
FLAMMABILITY	UL 94
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 5.35GHz



Azimuth Pattern

Frequency 5.35GHz

