

Omni Antenna 5.15 – 5.875 GHz P. N. 854270



REGULATORY COMPLIANCE	RoHS Compliance
<u>ELECTRICAL</u>	
FREQUENCY RANGE	5.15 – 5.875 GHz
PEAK GAIN	8dBi
VSWR	1.7:1 (typ)
AZIMUTH BEAMWIDTH	360° (min)
AZIMUTH RIPPLE	2 dB
ELEVATION BEAMWIDTH	4.5° (typ)
POLARIZATION	Linear Vertical
E - PLANE SIDE LOBE LEVEL	-10 dB (typ)
INPUT IMPEDANCE	50 (ohm)
INPUT POWER	4W (max)
LIGHTNING PROTECTION	DC Grounded
<u>MECHANICAL</u>	
DIMENSIONS DIAMETER HEIGHT	60mm (max) 700mm (max)
WEIGHT	1.5 kg (max)
CONNECTOR	N-Type Female
RADOME	Plastic, UV Resistant
BASE PLATE	Aluminum with chemical conversion coating
MOUNTING H.W	Mounting Bracket for Pole Φ 2.5" – Φ 4.5"

<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
WATER TIGHTNESS	IEC 529 IP-54
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
WIND LOAD (SURVIVAL): FRONT THRUST SIDE THRUST	6.5 kg 6.5 kg