

## 5.9-6.425 GHz Dual Polarized Base Station Antenna 90°



Technical Specifications			
<b>ELECTRICAL</b>		<b>MECHANICAL</b>	
Frequency range	5.9-6.425 GHz	DIMENSIONS (HXWXD)	370 x 370 x 40 mm (14.5" x14.5" x1.6")
GAIN, typ.	16 dBi	WEIGHT	2 kg
VSWR, max.	1.7 : 1	CONNECTOR	2 x N-Type, Female
Polarization	Dual , Vertical & Horizontal	BACK PLANE	Aluminum; protected through chemical passivation
3 dB Beam-Width, Azimuth, typ.	90°	RADOME	UV Protected, Plastic
3 dB Beam-Width, Elevation, typ.	8°	MOUNT	Suited for MNT-22
Side Lobes, min.	-12 dB	<b>ENVIRONMENTAL</b>	
Cross Polarization, min.	-15 dB	Operating Temperature Range	-55°C to + 65°C
Front to Back Ratio, min.	-30 dB	Vibration	According to IEC 60721-3-4
Input power, max	10 Watt	Wind Load	200 km/h (survival)
Port to Port Isolation typ.	30 dB	Flammability	UL94
Input Impedance	50 Ohm	Water Proofing	IP-67
Lightning Protection	DC Grounded	Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)
		Salt Fog	According to IEC 68-2-11
		Ice and Snow	25mm radial (survival)

Specifications subject to change without notice