



5.9-6.425 GHz Dual Polarized Base Station Antenna 90°

Technical Specifications

ELECTRICAL		MECHANICAL	
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	ENVIRONMENTAL	
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