

5 GHz Dual Polarized Antenna ideal for Tsunami 8100 subscriber unit

Features

- Efficient and stable performance
- High gain/size ratio
- Light weight and durable construction
- UV protected radome made of polycarbonate allowing for harsh weather installations
- Easy mounting allowing for Azimuth and Elevation adjustment
- Dual Polarity (H/V) or dual slant (+/- 45°) installation



Technical Specifications

ELECTRICAL		MECHANICAL	
FREQUENCY RANGE	4.9 - 5.875 GHz	DIMENSIONS (HXWXD)	370 x 370 x 40 mm (14.5" x14.5" x1.6")
GAIN	23.5 dBi	WEIGHT	2.1 kg
VSWR, MAX.	1.7:1	CONNECTOR	2 x N-Type, Female
3 DB BEAM-WIDTH, H-PLANE, TYP	8 °	BACK PLANE	Aluminum; protected through chemical passivation
3 DB BEAM-WIDTH, E-PLANE, TYP.	8°	RADOME	UV Protected Polycarbonate
SIDE LOBES, MIN.	ETSI TS3, TS4, TS5	MOUNT	MNT-22
POLARIZATION	Linear, Vertical and Horizontal Can be mounted in dual slant mode	ENVIRONMENTAL	
CROSS POLARIZATION, TYP.	-25 dB	OPERATING TEMPERATURE RANGE	-40° C to +65° C
PORT TO PORT ISOLATION	- 30 dB	VIBRATION	According to IEC 60721-3-4
FRONT TO BACK RATIO, MIN.	ETSI TS3, TS4, TS5	WIND LOAD	200 km/h (survival)
INPUT POWER, MAX	5 Watt	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
		SERVICE LIFE	> 10 years

