

Triple Polarization antenna provides coverage of 5.125-6.1 GHz frequency band in a single antenna radome.

Features

- 3 Ports: Dual Slant ($\pm 45^\circ$) plus Vertical Polarization
- Specially designed for MIMO applications for optimal decorrelation
- Light weight and durable construction
- UV protected radome made of plastic



Technical Specifications			
ELECTRICAL		MECHANICAL	
FREQUENCY RANGE	5.125 - 6.1 GHz	DIMENSIONS (HXWXD)	305 x 305 x 15 mm (12"x 12"x 0.6")
GAIN		WEIGHT	1.5 kg
VERTICAL POL	19 dBi	CONNECTOR	3 x N-Type Female
DUAL SLANT POL	17.5 dBi	BACK PLANE	Aluminum protected through chemical passivation
VSWR, MAX.	1.7:1	RADOME	UV Protected Polycarbonate
3 DB BEAM-WIDTH-AZIMUTH, TYP.	Dual Slant :20° ; V- Pol 22°	MOUNT	MNT-22
3 DB BEAM-WIDTH-ELEVATION, TYP.	Dual Slant :19° ; V- Pol 14°	ENVIRONMENTAL	
SIDE LOBES, MIN.	-12 dB	OPERATING TEMPERATURE RANGE	-55° C to +65° C
POLARIZATION	Dual Slant $\pm 45^\circ$ plus Vertical	VIBRATION	According to IEC 60721-3-4
PORT TO PORT ISOLATION	-30 dB (+45° Dual Slant to -45° Dual Slant)	WIND LOAD	200 km/h (survival)
PORT TO PORT ISOLATION	-40 dB (Vertical to $\pm 45^\circ$ Dual Slant)	FLAMMABILITY	UL94
FRONT TO BACK RATIO, MIN.	-35 dB	WATER PROOFING	IP-67
INPUT POWER, MAX	10 Watt	HUMIDITY	ETS 300 019-1-4, EN 302 085 (annex. A.1.1)
INPUT IMPEDANCE	50 Ohm	SALT FOG	According to IEC 68-2-11
LIGHTNING PROTECTION	DC Grounded	SERVICE LIFE	> 10 years

