

**Triple Polarization Sector antenna provides coverage of 4.9-6.1 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	4.9 - 6.1 GHz	DIMENSIONS (HXWXD)	370 x 370 x 40 mm (14.5"x 14.5"x 1.6")
GAIN		WEIGHT	2.1 kg
VERTICAL POL	16 dBi	CONNECTOR	3 x N-Type Female
DUAL SLANT POL	16 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 :90° ; V- Pol 90°	MOUNT	MNT-22
3 DB BEAM-WIDTH-ELEVATION, TYP.	Dual Slant :8° ; V- Pol 8°	ENVIRONMENTAL	
SIDE LOBES, MIN.	-12 dB	OPERATING TEMPERATURE RANGE	-40° C to +65° C
POLARIZATION	Dual Slant $\pm 45^\circ$ plus Vertical	VIBRATION	According to IEC 60721-3-4
PORT TO PORT ISOLATION, MIN.	-30 dB	WIND LOAD	200 km/h (survival)
FRONT TO BACK RATIO, MIN.	-30 dB	FLAMMABILITY	UL94
INPUT POWER, MAX	10 Watt	WATER PROOFING	IP-67
INPUT IMPEDANCE	50 Ohm	HUMIDITY	ETS 300 019-1-4, EN 302 085 (annex. A.1.1)
LIGHTNING PROTECTION	DC Grounded	SALT FOG	According to IEC 68-2-11
		SERVICE LIFE	> 10 years

