



## MA-WA57-QP4MIMO19

## 4.9-6.425 GHz Quad Polarization 4X4 MIMO Subscriber Antenna

Mars Quad Polarization antenna provides coverage of 4.9-6.425 GHz frequency band.

Additional Features:

- Specially designed for MIMO applications
- Lightweight and durable construction.
- UV Protected radome made of Polycarbonate.

Can be customized per customer requirements



## 802 11 ac standard applications approved

Specifications  Electrical				
			Frequency range	4.9-6.425 GHz
			GAIN	4.9-5.15 @ 4x18 dBi 5.15-6.425 @ 4x19 dBi
VSWR, max.	1.7 : 1			
Polarization Quad Pole	Vertical, Horizontal & Dual Slant (±45°)			
3 dB Beam-Width-Azimuth, typ.	19°			
3 dB Beam-Width-Elevation, typ	o. 19°			
Side Lobes, typ.	-12 dB			
Front to Back Ratio, min.	-35 dB			
Port to Port Isolation, min.	-34 dB			
Input power, max.	10 Watt			
Input Impedance	50 Ohm			
Lightning Protection	DC Grounded			
	Mechanical			
Dimensions (HxWxD)	370 x 370 x 40 mm (14.6" x 14.6" x 1.5")			
Connector	4 X N-type Female			
Weight	2 kg.			
Mounting	See Ordering Options			
Radome	UV Protected Polycarbonate			
Back Plane	Aluminum protected through chemical passivation			
	Environmental			
Operating Temperature Range	-55°C to +65°C			
Vibration	According to IEC 60721-3-4			
Wind Load	200 Km/h (Survival)			
Flammability	UL94			
Water Proofing	IP-67			
Humidity	ETS 300 019-1-4,EN 302 085 (Annex A.1.1)			
Salt Fog	According to IEC 68-2-11			
Ordering Options				
MA- WA57-QP4MIMO19	Antenna 4 x N-Type Female connectors Suited for MNT-22 mount			
144 1444 == 00 4141140 400				

Ordering Options	
MA- WA57-QP4MIMO19	Antenna 4 x N-Type Female connectors Suited for MNT-22 mount
MA- WA57-QP4MIMO19B	Antenna 4 x N-Type Female connectors with MNT-22 mount

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