

## MA-WA56-DP23IF

### 4.9-6.1 GHz Dual Polarization/Dual Slant Subscriber Antenna

MARS 5 GHz Dual Polarized Antenna designed to provide full coverage for the 5 GHz frequency band.

Additional Features:

- Dual slant if mounted diagonally.
- Efficient and stable performance.
- High gain/size ratio.
- Light weight and durable construction.
- UV protected radome made of polycarbonate suitable for harsh weather installations.
- Easy mounting allowing Az/EI adjustment and 45deg. turn installation.



## Specifications

### Electrical

Frequency range	4.9-6.1 GHz
GAIN	23 ± 1 dBi
VSWR, max.	1.7 : 1
Polarization	Dual Pole Dual Slant (opt.)
3dB Beam-Width, H-Plane, typ.	Linear, Vertical & Horizontal ±45° (diamond shape)
3dB Beam-Width, E-Plane, typ.	10°
Side Lobes, min.	10°
Cross Polarization, min.	ETSI TS3
Front to Back Ratio, min.	-20 dB
Port to Port Isolation, typ.	ETSI TS3
Input power, max.	-30 dB
Input Impedance	10 Watt
Lightning Protection	50 Ohm
	DC Grounded

### Mechanical

Dimensions (HxWxD)	305 x 305 x 15 mm ( 12"x 12"x1.6")
Connector	2 x N-Type ,Female
Weight	900 gr.
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