MARS ANTENNAS & RF SYSTEMS LTD.

RoHS COMPLIANT 2011/65/EU

MA-WA36-DP25

3.3-3.8 GHz High Gain Dual Polarized/ Dual Slant Antenna

MARS 3.5GHz High Gain Antenna is designed to provide full coverage for the 3.5 GHz frequency band.

Additional Features:

- Efficient and stable performance
- High gain/size ratio
- Durable construction
- UV protected radome made of polycarbonate allowing harsh weather installations

Specifications

Electrical	
Frequency range	3.3-3.8 GHz
GAIN, typ.	25 ± 1 dBi
VSWR, max.	1.7 : 1
Polarization — Dual Pole	Linear, Vertical & Horizontal
Polarization — Dual Slant (opt.)	±45º
3 dB Beam-Width, H-Plane, typ.	8º
3 dB Beam-Width, E-Plane, typ.	8º
Side Lobes, min.	ETSI TS3
Cross Polarization, min.	ETSI TS3
Front to Back Ratio, min.	ETSI TS3
Input power, max.	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
Mechanical	
Dimensions (HxWxD)	600 x 600 x 22 mm (23.5" x 23.5" x 0.86")
Weight	4.7 kg.
Connector	2 x N-Type Female
Back Plane	Aluminum; protected through chemical passivation
Radome	UV Protected, Polycarbonate
Mount	See ordering options
Environmental	
Operating Temperature Range	-40ºC to +65ºC
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-WA36-DP25	Antenna Suited for MNT-60A (optional wall/pole adjustable mount)
MA-WA36-DP25B	Antenna with MNT-60A mount

Patterns are available on our website

3 Hamanor st. Holon 5886103, P.O.Box 1852 Holon 5811801, Israel
Tel: +972-3-5599661 • Fax: +972-3-5599677 • e-mail: mars@marsant.co.il • web: www.mars-antennas.com