

3.3 - 3.8 GHz High Gain Dual Polarization/ Dual Slant Subscriber Antenna

-MA-WA36-DP25

MARS 3.5GHz High Gain Antenna Dual Polarized 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 for harsh weather installations



Specifications:

Electrical

Frequency range	3.3 - 3.8 GHz
Gain	25 dBi \hat{A} ± 1 dBi
VSWR, max.	1.7:1
3 dB Beam-Width, H-Plane, typ.	8 °
3 dB Beam-Width, E-Plane, typ.	8 °
Side Lobes, min.	ETSI TS3
Polarization	Linear, Vertical and Horizontal
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	N-Type Female
Back Plane	Aluminum; protected through chemical passivation
Radome	UV Protected, Polycarbonate
Mount	MNT-60A

Environmental

Operating Temperature Range	- 40°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

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