

3.3-3.8 GHz Small Size Subscriber Antenna

- MA-WA35-12

MARS Small Size Antenna covering the licensed band of 3.5 GHz is designed for WiFi, WLL and WiMAX applications.

Additional Features:

- high gain/size ratio
- small and unobtrusive profile
- suitable for both indoor and outdoor applications



Specifications:

Electrical

Frequency range	3.3 - 3.8 GHz
Gain, typ.	12 dBi
VSWR, max.	1.5:1
3 dB Beam-Width, H-Plane, typ.	35 °
3 dB Beam-Width, E-Plane, typ.	30 °
Side Lobes, min.	-11 dB
Polarization	Linear, Vertical or Horizontal
Cross Polarization, min.	-15 dB
Front to Back Ratio, min.	-20 dB
Input power, max	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

Mechanical

Dimensions (HxWxD)	155 x 155 x 28 mm (6.1"x 6.1"x 1.1")
Weight	250 gr.
Connector	SMA, Female (At the Bottom of the Antenna)
Back Plane	Aluminum; protected through chemical passivation
Radome	UV Protected Polycarbonate
Mount	<u>MNT-22</u> , <u>MNT-4</u>

Environmental

Operating Temperature Range	- 40°C to + 65°C
Vibration	According to IEC 60721-3-4
Flammability	UL94
Water Proofing	IP-67
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)
Service Life	>10 years

Standard Compliance

ETSI EN 302 085 V1.2.3 â€“ TS1

Specifications subject to change without notice