

## 5 GHz Broadband Subscriber Antenna

## MA-WA58-1X

[Patterns](#)

**Mars 5 GHz Broadband Antenna** provides a cost effective solution for large scale WLL, WLAN, H-LAN, ISM, UNII, and Point to Multi Point applications.

Additional Features:

- Minimum Gain of 23 dBi over the entire frequency range.
- Light weight and durable construction.
- DC grounded for lightning protection to meet local electrical building codes.



## Specifications:

## Electrical

|                                 |                    |
|---------------------------------|--------------------|
| Frequency range                 | 5.15 - 5.875 GHz   |
| GAIN, min.                      | 23 dBi             |
| VSWR, max.                      | 1:1.5              |
| Polarization                    | Linear<br>Vertical |
| 3 dB Beam Width - Az./El., typ. | 10.5°              |
| Cross Polarization, min         | 24 dB              |
| Power Handling                  | 10 Watts           |
| Input Impedance                 | 50 Ohms            |
| Front to Back Ratio, min.       | 35 dB              |

## Mechanical and Environmental

|                    |                               |
|--------------------|-------------------------------|
| Dimensions (LxWxD) | 305x305x15 mm (DIAMOND Shape) |
| Base Plate         | Aluminum, Coated              |
| Radome             | Plastic, UV protected         |
| Temperature        | -40°C up to +75°C             |
| Input/RF Interface | N-Type (others available)     |

## Standard Compliance

- ETSI EN 302 085 V1.1.1 (2000-06) Range 1, TS 1, 2, 3, 4, 5

Specifications subject to change without notice

