

## 2.3 -2.7 GHz Omni “ Directional Base Station Antenna

### MA-WO25-9

MARS 2.4 GHz Base Station Antenna provides a cost effective solution for large scale WLL, WLAN, ISM and Point-to-Multi Point applications. UV protected radome allowing for harsh environment installations. Antenna features stable and efficient performance with 9 dBi of gain.



#### Specifications:

##### Electrical

|                                |                 |
|--------------------------------|-----------------|
| Frequency range                | 2.3 - 2.7 GHz   |
| Gain,typ.                      | 9 dBi           |
| VSWR, max.                     | 2:1             |
| 3 dB Beam-Width, H-Plane, typ. | 360 °           |
| 3 dB Beam-Width, E-Plane, typ. | 10 °            |
| Polarization                   | Linear Vertical |
| Input power, max               | 50 Watt         |
| Input Impedance                | 50 Ohm          |

##### Mechanical

|                         |                          |
|-------------------------|--------------------------|
| Dimensions (HxDiameter) | 640x 76mm (25â€• x 3â€•) |
| Weight                  | 350 gr.                  |
| Connector               | N-Type, Female           |
| Radome                  | UV Protected, Plastic    |

##### 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-65                                      |
| Humidity                    | ETS 300 019-1-4, EN 302 085 (annex. A.1.1) |
| Ice and Snow                | 25 mm radial (survival)                    |
| Salt Fog                    | According to IEC 68-2-11                   |
| Service Life                | > 10 years                                 |

Specifications subject to change without notice