

## MA-WE24-14MIMO

### 2.3-2.7 GHz MIMO Base Station Antenna, 120°

#### Antenna Features:

- Quick and easy installation.
- Aesthetic and unobtrusive radome.
- Easy mounting allowing obtaining required down tilt degree.

#### Applicable Applications:

- Point-to-Multi-Point Systems.
- WLL applications.
- MMDS.
- ISM applications.



## Specifications

### Electrical

Frequency range	2.3-2.7 GHz
GAIN, typ.	4 x 14 dBi
VSWR, max.	1.7 : 1
Polarization	Linear, Vertical
3 dB Beam-Width, H-Plane, typ.	120°
3 dB Beam-Width, E-Plane, typ.	8°
Side Lobes, min.	-13 dB
Cross Polarization, min.	-20 dB
Front to Back Ratio, min.	-24 dB
Input power, max.	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

### Mechanical

Dimensions (HxWxD)	812 x 470 x 70 mm (32" x 18.5" x 2.8")
Weight	5 kg.
Connector	4 x N-Type, Female
Back Plane	Aluminum protected through chemical passivation
Radome	UV Protected, Plastic
Mount	See ordering options

### 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)
Salt Fog	According to IEC 68-2-11
Ice and Snow	25mm radial (survival)

## Ordering Options

MA-WE24-14MIMO	Antenna Suited for MNT-25 (optional mount)
MA-WE24-14MIMOB	Antenna with MNT-25 mount

Patterns are available on our website

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