

2.3-2.7 GHz MIMO Base Station Antenna, 90°

-MA-WD24-13MIMO

Antenna Features:

- quick and easy installations
- aesthetic and unobtrusive radome
- easy mounting allows to obtain required downtilt degree

Applicable Applications:

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



Specifications:

Electrical

Frequency range	2.3 - 2.7 GHz
Gain,typ.	3x 13 dBi
VSWR, max.	1.7:1
3 dB Beam-Width, H-Plane, typ.	90 °
3 dB Beam-Width, E-Plane, typ.	15 °
Side Lobes, min.	-12 dB
Polarization	Linear Vertical
Cross Polarization, min.	-20 dB
Front to Back Ratio, min.	-24 dB
Input power, max	50 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

Mechanical

Dimensions (HxWxD)	400 x 308 x 80 mm (15"x8.9"x3.1")
Weight	2 kg
Connector	3 x N-Type, Female
Back Plane	Aluminum protected through chemical passivation
Radome	UV Protected, Plastic
Mount	<u>MNT-25</u>

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	25mm radial (survival)
Salt Fog	According to IEC 68-2-11
Service Life	>10 years

Ordering Options

Antenna with mount

MA-WD24-13MIMO B

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