

MA-WD55-16MIMO

4.9-6.1 GHz MIMO Base Station Antenna, 90°

Antenna Features:

- Specially designed for MIMO applications.
- Quick and easy installation.
- Easy mounting allowing obtaining required down tilt.
- Suitable for harsh environment installations.
- DC grounded.



Specifications

Electrical

Frequency range	4.9-6.1 GHz
GAIN, typ.	3 x 16 dBi
VSWR, max.	1.8 : 1
Polarization	Linear, Vertical
3 dB Beam-Width, H-Plane, typ.	90°
3 dB Beam-Width, E-Plane, typ.	8°
Side Lobes, min.	ETSI EN 302 085 V1.2.3-CS1
Cross Polarization, min.	ETSI EN 302 085 V1.2.3-CS1
Front to Back Ratio, min.	ETSI EN 302 085 V1.2.3-CS1
Input power, max.	50 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

Mechanical

Dimensions (HxWxD)	400 x 300 x 50 mm (15.7" x 11.8" x 2")
Weight	2.5 kg.
Connector	3 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)

Standard Compliance

ETSI EN 302 085 V1.2.3-CS1

Ordering Options

MA-WD55-16MIMO	Antenna Suited for MNT-22 (optional wall/pole adjustable mount)
MA-WD55-16MIMOB	Antenna with MNT-22 mount

Patterns are available on our website

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