

MA-VMB55-5RD

4.9 GHz–6.0 GHz Blade Reinforced Antenna for Mobile Applications

MARS Blade Reinforced Antenna is a ruggedized, aerodynamic antenna, for use in mobile applications such as trains, helicopters, buses or cars.



Specifications

Electrical

Standard	UNII, WLL, H-LAN, Wi-Fi
Frequency range	4.9 - 6.0 GHz
Gain, typ.	5 dBi
VSWR	< 2 : 1
Polarization	Linear, Vertical & Horizontal
Pattern	Omni Directional
Port to Port Isolation, min.	-25 dB
Input power, max	5 Watt
Input Impedance	50 Ohm

Mechanical

Dimensions (LxWxH)	169 x 85 x 88 mm (6.65" x 3.34" x 3.46")
Weight	400 gr.
Connector	2 x N-Type Female
Back Plane	Steel Protected through Zinc Galvanization
Radome	UV Protected Polycarbonate
Mount	Fixed Mount

Environmental

Operating Temp. Range	-50°C to +65°C
Vibration	According to IEC 60721-3-5 Class 5M3
Water Proofing	IP-67
Flammability	UL94
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)

Mars Antennas & RF Systems proprietary information

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