

MA-VM1765-5

1.7-6.5 GHz Wide Band Blade Antenna for Mobile Applications

MARS Wide Band Blade Antenna is a ruggedized and aerodynamic antenna that provides an optimal solution for use in mobile applications such as trains, helicopters, buses or cars.

Additional Features:

- Bottom Mount, Fixed Mount (4 screws from bottom)
- Stable and reliable performance.



Specifications

Electrical

	1.7-2.3 GHz	2.3-3.0 GHz	3.0-4.0 GHz	4.0-6.5 GHz
Frequency range	1.7-2.3 GHz	2.3-3.0 GHz	3.0-4.0 GHz	4.0-6.5 GHz
GAIN, typ.	3 dBi	4 dBi	5 dBi	6 dBi
VSWR, max.	2 : 1 max.		1.5 :1 typ.	
Polarization	Linear, Vertical			
Pattern	Omni Directional			
Input power, max	5 Watt			
Input Impedance	50 Ohm			

Mechanical

Dimensions (LxWxH)	132 x 79 x 76 mm (5.2" x 3.1" x 3")
Weight	150 gr.
Connector	N-Type Female Bottom
Back Plane	Aluminum, protected through chemical passivation
Radome	UV Protected Polycarbonate
Mount	Bottom Mount, Fixed Mount (4 screws from bottom)

Environmental

Operating Temp. Range	-40°C to +65°C
Vibration	According to IEC 60721-3-4
Water Proofing	IP-67
Flammability	UL94
Humidity	ETS 300 019-1-4, EN 302 085 (Annex A.1.1)

Patterns are available on our website.

MARS Antennas & RF Systems proprietary information

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