

## MA-VM1765-5S

### 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:

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



### Specifications

#### Electrical

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.
Weight	150 gr.
Connector	SMA Female side
Back Plane	Steel with galvanic protection
Radome	UV Protected Polycarbonate
Mount	Ordering Options

#### 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)

### Ordering Options

Model No.	Application / Mount
MA-VM1765-5SM	Magnetic Mount
MA-VM1765-5SF	Fixed Mount (4 screws from bottom)

Patterns are available on our website.

MARS Antennas & RF Systems proprietary information

MARS reserves the right to make technical changes or modifications to any of its products and specifications without prior notice and without implementing such changes to prior supplied products. Product images are representative and indicative only. Warranty terms and general conditions of sale are applicable on any purchase of any product, available on MARS website.

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