

MA100LM01

Linear Pol | Low Profile Indoor/Microcell Omni | 360° | 0 dBd

An omnidirectional, low profile, fully shrouded VHF antenna for indoor or vehicle roof applications. Although designed to be installed on a metal surface, good performance can also be achieved on non-metallic surfaces. The antenna is user-tuned by adjusting a screw under the base to achieve best performance at the operating frequency. This antenna is supplied with 5m coaxial cable with no connector on the end. Please order the desired connector style separately.

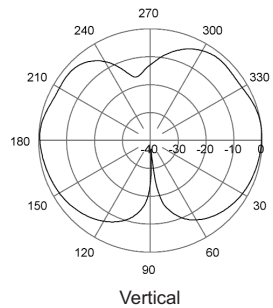
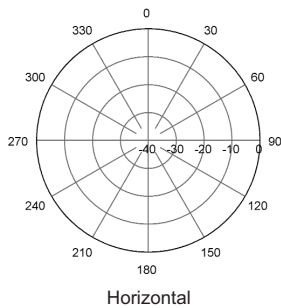


Electrical Characteristics	
Frequency range*	145..174 MHz
Polarization	Linear, Perpendicular to base
Horizontal beamwidth	360°
Vertical beamwidth	80°
Gain	0 dBd
VSWR	<1.5:1 at tuning frequency
Maximum power	50 W
Connector type	No connector** + 5m of RG58 cable

* Adjust tuning screw under base to achieve required center frequency.

** Please order the desired connector style separately.

Mechanical Characteristics	
Materials	Radome, black polypropylene Base, aluminium
Dimensions (Length x Width x Depth)	635 x 190 x 60 mm 25 x 7.5 x 2.4 in
Weight without bracket	1.1 kg 2.4 lbs
Wind load @ 160 km/hr (100 mph)	200 N 45.0 lbf
Mounting Options	
Mounting	16 x 3.3 mm dia. holes in base plate provided for mounting.



Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.