VHF low profile / microcell omni 145-174MHz



DESCRIPTION

- 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 usertuned 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.
- Former Jaybeam brand product.

SPECIFICATIONS

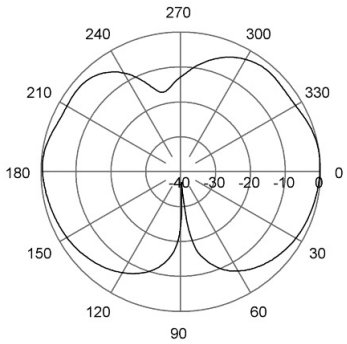
Electrical	
Model	MA100LM01
Frequency	145..174 MHz (Adjust tuning screw for centre frequency)
Max. Input Power	50 W
Polarisation	Vertical
3 dB Beamwidth, E-Plane	80 °
3 dB Beamwidth, H-Plane	Omnidirectional
Gain	0dBd / 2.2dBi
VSWR	< 1.5:1 at tuning frequency

Mechanical	
Connection(s)	No connector** + 5m of RG58 cable
Materials	Radome, black polypropylene Base, aluminium
Dimensions	635 x 190 x 60 mm / 25 x 7.5 x 2.4 in.
Weight	Approx. 1.1 kg / 2.43 lb.
Mounting	16 x 3.3 mm dia. holes in base plate provided for mounting.

ORDERING

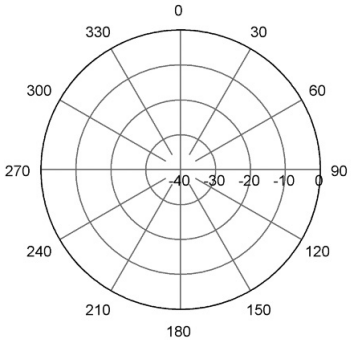
Model	Product No.	Frequency
VHF low profile / microcell omni 145-174MHz	MA100LM01	145 - 174 MHz

RADIATION PATTERNS



E-Plane | 160 MHz

RADIATION PATTERNS



H-Plane | 160 MHz