

## MA100RS00

430...480 MHz

Indoor / Microcell

Low Profile Omni

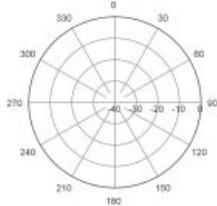
An omnidirectional, low profile, fully shrouded UHF antenna for indoor or vehicle roof applications. Although designed to be installed on a metal surface, good performance can also be achieved on non-metallic surfaces. The antenna is user-tuned by adjusting a screw under the base to achieve best performance 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.

### Type MA100RS00

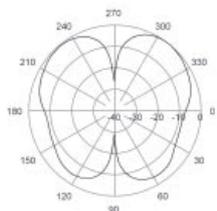


Electrical Specifications	
Frequency Range*:	430...480 MHz
Gain:	0 dBd
VSWR:	<1.5:1
Maximum Power:	20 W
Polarisation:	Linear, Perpendicular to Base
Horizontal Beamwidth:	360°
Vertical Beamwidth:	80°
Impedance:	50 ohms
Termination:	5m RG58 Cable, No connector at end

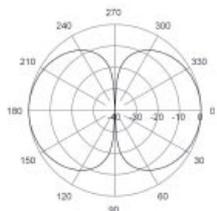
*\*Adjust tuning screw under base to achieve required center frequency.*



Horizontal Pattern



Vertical Pattern  
Mounted on Metal Surface



Vertical Pattern  
Mounted on Non-Metallic  
Surface

Mechanical Specifications	
Materials:	Aluminium base and black polypropylene radome
Dimensions:	35 mm Height x 178 mm Dia.
Weight:	0.45 kg
Mounting Bracket:	8 x 3.3 mm dia holes in base plate provided for mounting.