

# MA100RS00

Single Band | Indoor Omni | Linear-Pol | 360° | 0 dBd

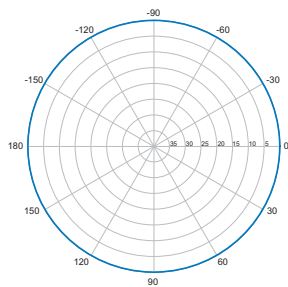
- Single band, linear polarized, low profile, indoor omni antenna
- Fully shrouded for indoor or vehicle roof applications
- Designed for installation on metal surfaces
- Antenna is user tuned via screw under antenna base
- Antenna is supplied with 5 m (16.4 ft) of unterminated coaxial cable



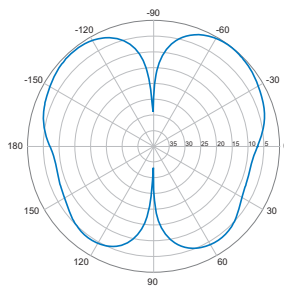
Electrical Characteristics	
Frequency Band	430...480 MHz Adjust turning screw under base of antenna to achieve required center frequency
Polarization	Linear, Perpendicular to base
Horizontal Beamwidth	360°
Vertical Beamwidth	80°
Gain	0 dBd
Impedance	50Ω
VSWR	< 1.5:1
Input Power	20W
Connector(s)	No connector, 5 m (16.4 in) of unterminated RG58 cable

Mechanical Characteristics		
Materials	Base	Aluminum
	Radome / Color	Polypropylene / Black
Dimensions (Height x Diameter)	35 x Ø178 mm	1.4 x Ø7.0 in
Weight without Bracket	0.45 kg	1.0 lbs

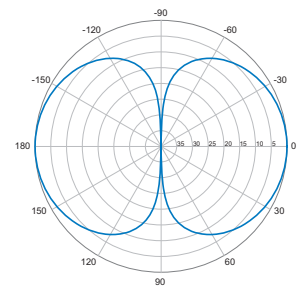
Mounting Characteristics	
Mounting	Eight (8) - 3.3 mm diameter holes in base plate provided for mounting



Horizontal



Vertical | Metal Surface



Vertical | Non-Metallic Surface

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.