

MA100PQ01

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

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.



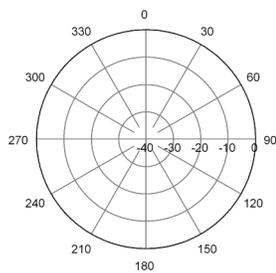
| Electrical Characteristics | |
|----------------------------|-----------------------------------|
| Frequency range* | 380..430 MHz |
| Polarization | Linear, Perpendicular to base |
| Horizontal beamwidth | 360° |
| Vertical beamwidth | 80° |
| Gain | 0 dBd |
| Impedance | 50Ω |
| VSWR | <1.5:1 |
| Maximum power | 20 W |
| Connector type | No connector** + 5m of RG58 cable |

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

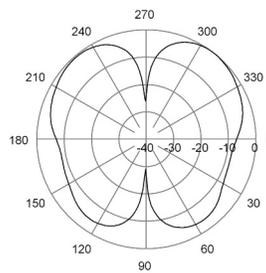
** Please order the desired connector style separately.

| Mechanical Characteristics | |
|--------------------------------|--|
| Materials | Radome, black polypropylene Base, aluminium |
| Dimensions (Height x Diameter) | 178 x 35 mm 7.0 x 1.4 in |
| Weight without bracket | 0.45 kg 1.0 lbs |

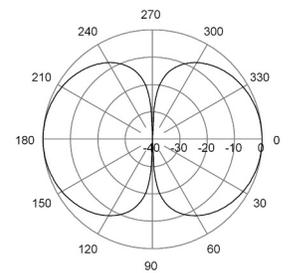
| Mounting Options | |
|------------------|--|
| Mounting | 8 x 3.3 mm dia. holes in base plate provided for mounting. |



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.