

5086000A

CEILING MOUNT OMNI ANTENNA | HPOL | 2.2-6.0 dBi

- Wideband omni antenna covering 698-4000 MHz
- Compact, lightweight and easy to install
- Passive intermodulation < -153 dBc @ 2x20W
- Low return loss and stable performance
- Supplied with mounting clamp
- Used in the indoor distribution of GSM/CDMA/WiFi/3G/LTE/5G services



Ordering Options	Model Number			
Antenna with N-Type Connector	5086000A			
Antenna with 4.3-10 Connector	5086000A-4310			
Antenna with 7/16-DIN Connector	5086000A-DIN			
Electrical Characteristics	698-4000 MHz			
Frequency Band	698-806 MHz	806-960 MHz	1710-2700 MHz	3400-4000 MHz
Polarisation	Horizontal			
Gain	2.2 ±0.5 dBi	3.5 ±0.5 dBi	4.5 ±1.0 dBi	6.0 ±1.0 dBi
Impedance	50Ω			
VSWR	≤ 1.5	≤ 1.5	≤ 1.5	≤ 1.5
IM3 (2x20W)	≤ -153 dBc			
Maximum Input Power	50 Watts			
Connector	N-Type Female, 4.3-10 Female or 7/16-DIN Female			
Mechanical Characteristics				
Dimensions	Ø220 x 18 mm		Ø8.7 x 0.7 in	
Weight	0.3 kg		0.7 lbs	
Operating Temperature	-55° to +60° C		-67° to +140° F	
Radome Material, Color	ABS, White RAL9003			
Operational Humidity	< 95%			
Ingress Protection	IP65			
Mounting Options				
Mounting Kit	Ceiling Mount, via hole (standard)			

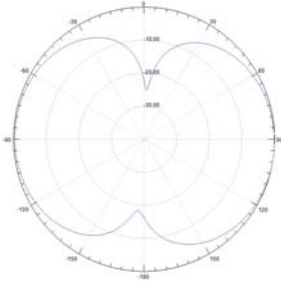


This model is available in the iBwave In-Building Network Components Database - www.ibwavecomponents.com

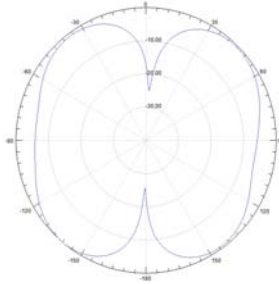
Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product.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

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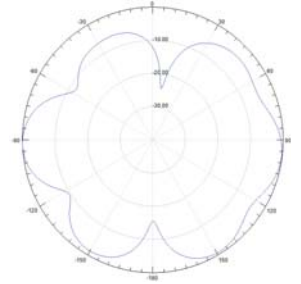
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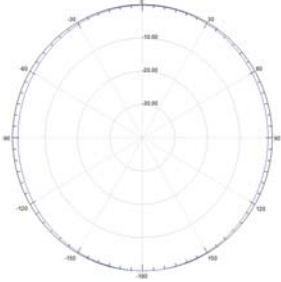
Horizontal | 900 MHz



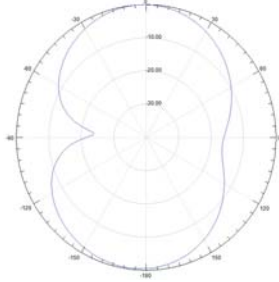
Horizontal | 1710 MHz



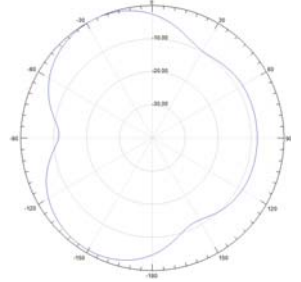
Horizontal | 2500 MHz



Vertical | 900 MHz



Vertical | 1710 MHz



Vertical | 2500 MHz

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