

5086100AM

Features

- Wideband omni antenna covering 380-2700 MHz
- Compact, lightweight and easy to install
- Passive Intermodulation -150 dBc @ 2x20W
- Low return loss with stable performance



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

ELECTRICAL SPECIFICATIONS All Bands

Frequency Range	380-2700 MHz		
Frequency Sub-Range	UHF BAND 380-520 MHz	LOW BAND 617-960 MHz	MID BAND 1710-2700 MHz
Polarization	Horizontal		
Gain	1.8 dBi	5.1 dBi	7.0 dBi
Horizontal Beamwidth	360°	360°	360°
Impedance	50Ω		
VSWR	< 1.7	< 1.7	< 1.7
Passive Intermodulation 3rd Order for 2x20 W Carriers	N/A	-150 dBc	-150 dBc
Maximum Power	50W		
Connector Type	1 Port, N-Type Female		

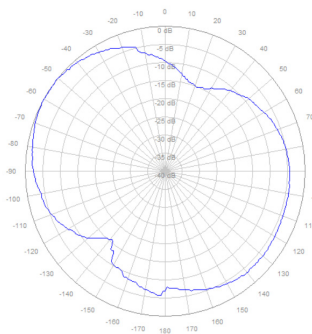
MECHANICAL SPECIFICATIONS

Antenna	Diameter	Ø266 mm (Ø10.5 in)
	Height	18 mm (0.7 in)
Net Weight		0.4 kg (0.9 lbs)
Operating Temperature		-55° to +60° C (-67° to +140° F)
Operational Humidity		< 95%
Radome Material		ABS
Radome Color		White, RAL 9003
Ingress Protection		IP55
Mounting Options		Fasteners included for mounting on ceiling tile and hard surfaces

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, 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 products may be made without notice.

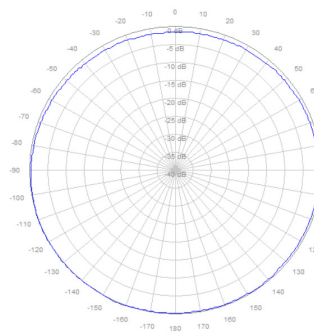
5086100AM

UHF BAND
380-520 MHz



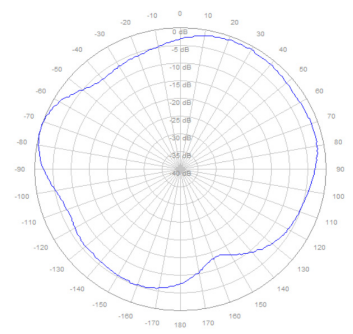
Horizontal, 450 MHz

LOW BAND
698-960 MHz

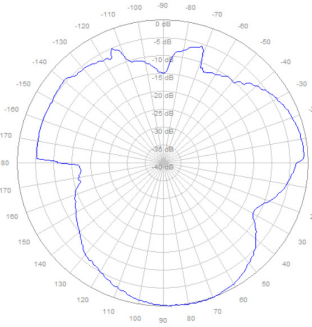


Horizontal, 790 MHz

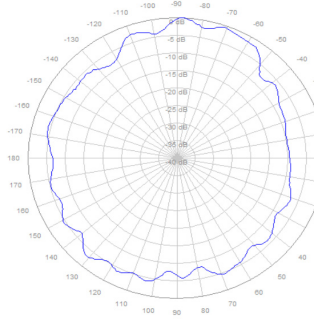
MID BAND
1710-2700 MHz



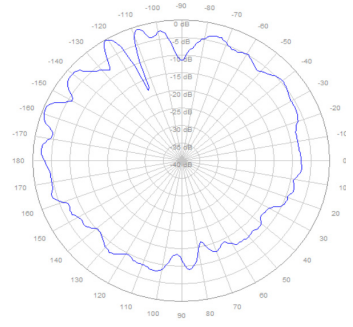
Horizontal, 2200 MHz



Vertical, 450 MHz



Vertical, 790 MHz



Vertical, 2200 MHz

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, 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 products may be made without notice.