



5086500A

Features

- Wideband indoor omni antenna covering 617-6000 MHz
- Compact, lightweight and easy to install
- Passive Intermodulation < -153 dBc @ 2x20W



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



617-806/806-960/1350-1550
1690-2700/3300-3800/4900-6000

Port 1

617-806/806-960/1350-1550
1690-2700/3300-3800/4900-6000

Port 2

ORDERING OPTIONS Select from the following ordering options

SELECT	MODEL NUMBER
Antenna with N-Type Female Connectors	5086500A
Antenna with 4.3-10 Female Connectors	5086500A-4310

ELECTRICAL SPECIFICATIONS All Bands

Frequency Range	617-6000 MHz					
Frequency Sub-Range (MHz)	617-806	806-960	1350-1550	1690-2700	3300-3800	4900-6000
Polarization	Linear Horizontal x2					
Gain	1.5 ± 0.5 dBi	2.2 ± 0.5 dBi	3.5 ± 0.5 dBi	4.5 ± 1.0 dBi	6.0 ± 1.0 dBi	6.0 ± 1.0 dBi
Horizontal Beamwidth	360°	360°	360°	360°	360°	360°
Impedance	50Ω					
VSWR	≤ 1.8	≤ 1.8	≤ 1.8	≤ 1.8	≤ 1.8	≤ 1.8
Isolation	≥ 16	≥ 18	≥ 18	≥ 20	≥ 30	≥ 30
Passive Intermodulation 3rd Order for 2x20 W Carriers	≤ -153 dBc					
Maximum Power	50W					
Connector Type	2 Ports, N-Type Female or 4.3-10					

MECHANICAL SPECIFICATIONS

Antenna	Diameter	Ø266 mm (Ø10.5 in)
	Height	18 mm (0.7 in)
Net Weight		0.5 kg (1.1 lbs)
Operating Temperature		-55° to +60° C (-67° to +140° F)
Operational Humidity		< 95%
Radome Material		ABS
Radome Color		White, RAL 9003
Mounting Options		Fasteners included for mounting on ceiling tile and hard surfaces





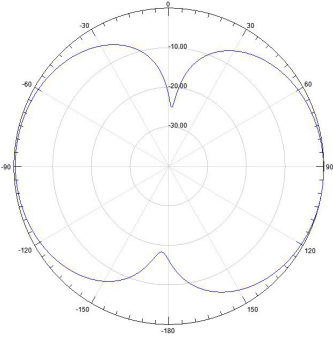
2-Port Ceiling Mount Omni Antenna

617-6000 MHz

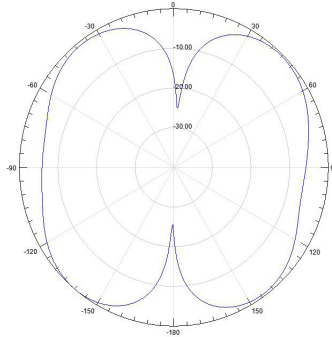
360°

LINEAR H-POL

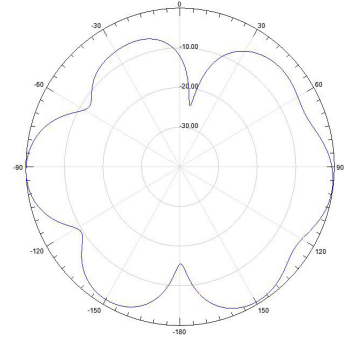
5086500A



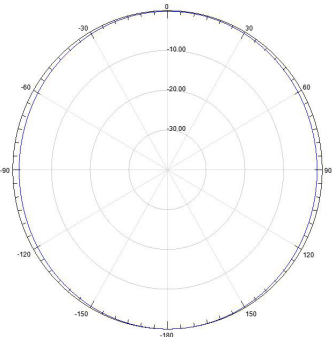
Horizontal, 900 MHz



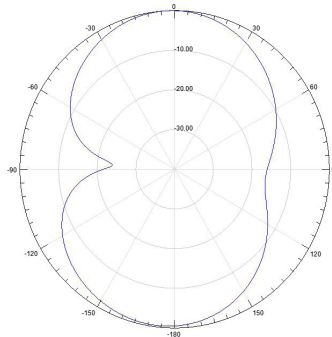
Horizontal, 1710 MHz



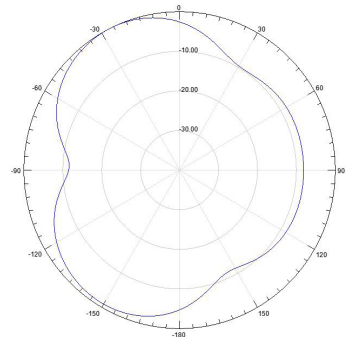
Horizontal, 2500 MHz



Vertical, 900 MHz



Vertical, 1710 MHz



Vertical, 2500 MHz

