

360°

VPOL

SISO

PUBLIC SAFETY

5052460AM

Features

- Wideband omni antenna covering 380-6000 MHz
- Compact, lightweight and easy to install
- Passive Intermodulation < -153 dBc @ 2x20W
- Low return loss with stable performance



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

ORDERING OPTIONS Select from the following ordering options

SELECT	MODEL NUMBER
Antenna with N-Type Female Connectors	5052460AM
Antenna with 4.3-10 Female Connectors	5052460AM-4310

ELECTRICAL SPECIFICATIONS All Bands

Frequency Range	380-6000 MHz				
Frequency Sub-Range	UHF BAND 380-520 MHz	LOW BAND 617-960 MHz	MID BAND 1710-2700 MHz	CBRS BAND 3550-3700 MHz	LAA BAND 5150-5925 MHz
Polarization	Vertical				
Gain	2.1 dBi	2.9 dBi	6.7 dBi	5.1 dBi	7.0 dBi
Horizontal Beamwidth	360°	360°	360°	360°	360°
Impedance	50Ω				
VSWR	< 2.5	< 2.0	< 1.5	< 1.5	< 1.5
Passive Intermodulation 3rd Order for 2x20 W Carriers	N/A	< -153 dBc	< -153 dBc	< -153 dBc	< -153 dBc
Maximum Power	50W				
Connector Type	1 Port, 4.3-10 Female or N-Type Female				

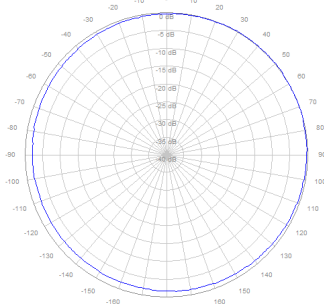
MECHANICAL SPECIFICATIONS

Antenna	Diameter	Ø298 mm (Ø11.7 in)
	Height	152 mm (6.0 in)
Net Weight		0.9 kg (2.0 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

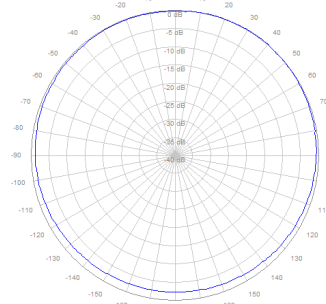
Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage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

5052460AM

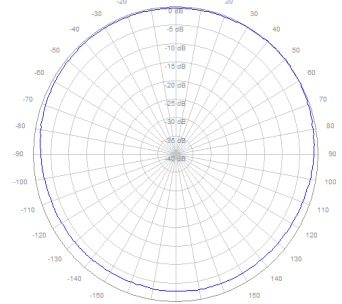
UHF BAND
380-520 MHz



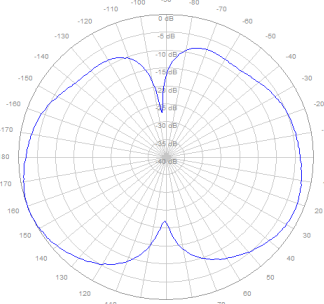
LOW BAND
617-960 MHz



MID BAND
1710-2700 MHz

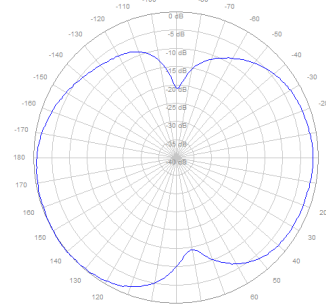


Horizontal, 450 MHz



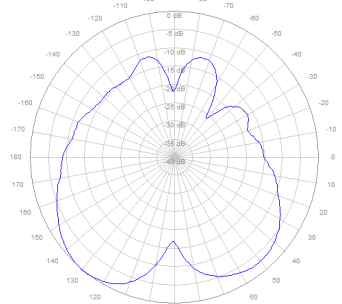
Vertical, 450 MHz

Horizontal, 790 MHz



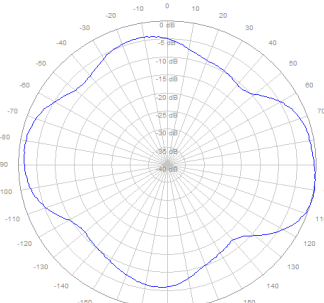
Vertical, 790 MHz

Horizontal, 2200 MHz

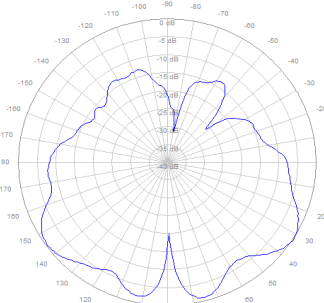


Vertical, 2200 MHz

CBRS BAND
3550-3700 MHz

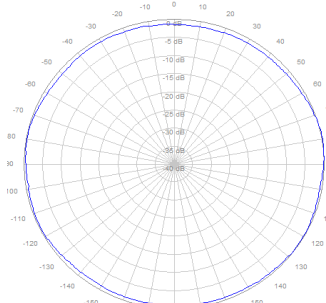


Horizontal, 3630 MHz

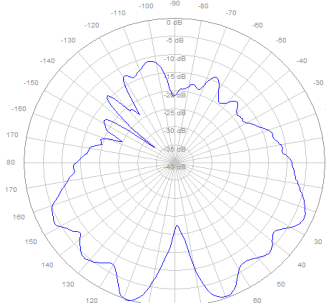


Vertical, 3630 MHz

LAA BAND
5150-5925 MHz



Horizontal, 5540 MHz



Vertical, 5540 MHz

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