

70°-85°

VPOL

SISO

5003700AM

Features

- Wideband directional antenna covering 698-4000 MHz
- Compact, lightweight and easy to install
- Passive Intermodulation < -153 dBc @ 2x20W
- Low return loss and high gain 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 Connector	5003700AM
Antenna with 4.3-10 Female Connector	5003700AM-4310

ELECTRICAL SPECIFICATIONS All Bands

Frequency Range	698-4000 MHz		
Frequency Sub-Range	LOW BAND 698-960 MHz	MID BAND 1710-2700 MHz	CBRS 3550-3700 MHz
Polarization	Vertical		
Gain	7.0 dBi	8.0 dBi	6.0 dBi
Horizontal Beamwidth	85°	70°	70°
Vertical Beamwidth	65°	30°	30°
Impedance	50Ω		
VSWR	≤ 1.8	≤ 1.8	≤ 1.8
Passive Intermodulation 3rd Order for 2x20 W Carriers	-153 dBc		
Front-to-Back Ratio	≥ 9 dB	≥ 20 dB	≥ 14 dB
Maximum Power	50W		
Connector Type	1 Port, 4.3-10 Female or N-Type Female		

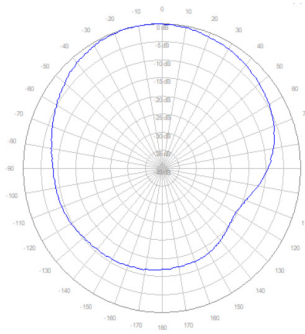
MECHANICAL SPECIFICATIONS

Antenna	Length	183 mm (7.2 in)
	Width	172 mm (6.75 in)
	Depth	62 mm (2.4 in)
Net Weight		0.3 kg (0.7 lbs)
Operating Temperature		-55° to +60° C (-67° to +140° F)
Radome Material		ABS
Radome Color		White, RAL 9003
Ingress Protection		IP55
Mounting Options		Fasteners and screws included for wall mounting

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.

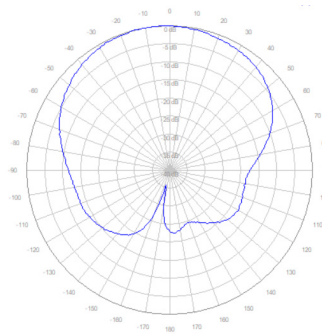
5003700AM

LOW BAND
698-960 MHz



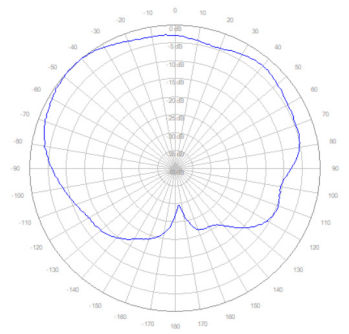
Horizontal, 770 MHz

MID BAND
1710-2700 MHz

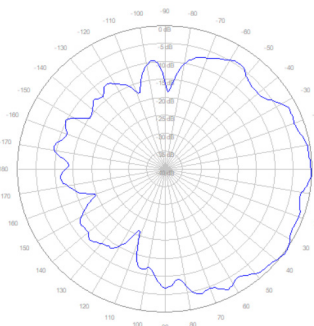


Horizontal, 2200 MHz

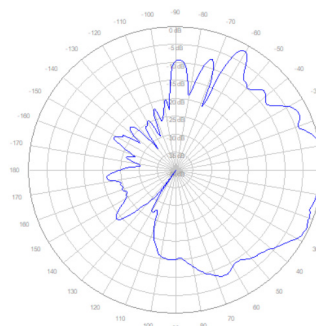
CBRS
3550-3700 MHz



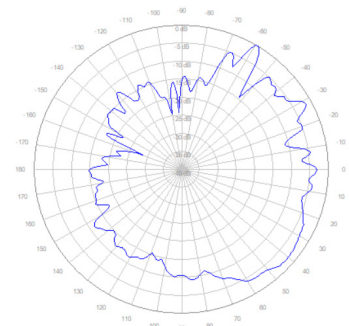
Horizontal, 3600 MHz



Vertical, 770 MHz



Vertical, 2200 MHz



Vertical, 3600 MHz

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