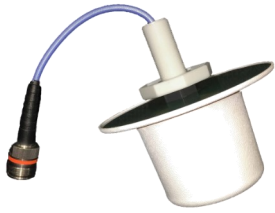


## Wideband (750-6000MHz) Omni In-Building Antenna



The dBMax<sup>R</sup>-S is Fractal Antenna System's smallest antenna for ceiling mounted in-building Public Safety, WiFi & DAS applications. Using our proprietary and patented FRACTAL technologies, the dBMax<sup>R</sup>-S is built with "future-proof" super-wide bandwidth and excellent RF performance in the smallest & lightest form factor available

### Applications & Markets

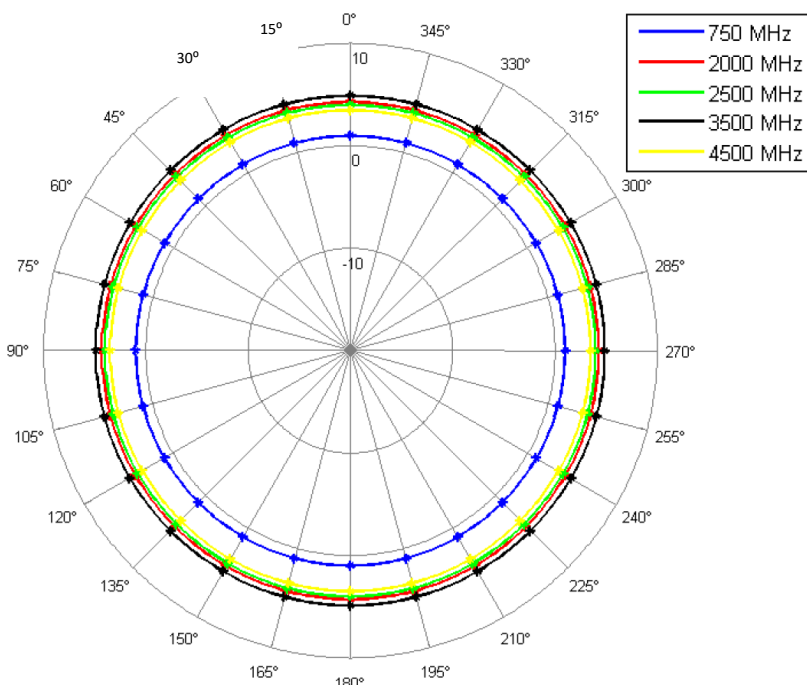
- Public safety indoor DAS
- WiFi systems
- Cellular indoor DAS
- Neutral host provider systems

### The Fractal Advantage<sup>TM</sup>

- Super-wide bandwidth for essentially all frequency applications in single antenna
- "Future proof" design ready for LTE, FirstNet, indoor 5G, CBRS, and other spectrum rollouts
- Excellent RF performance with ultra-wide bandwidth
- Smallest form factor (both size and weight) for given performance on the market
- Made in USA

### Frequency-Dependent Specifications

Frequency (MHz)	750-806	806-960	1350-1435	1670-2200	2200-2700	3500-4200	4200-6000
Avg Gain (dbi)	1	1	3	4	4	5	4
Avg VSWR	2.7:1	2:1	2:1	1.8:1	1.5:1	1.3:1	1.5:1



### Other Specifications

Unit Number	<b>DBMV01</b>
Impedance	50 Ω
Polarization	Vertical
Beamwidth	Omni (360°)
Max Power	20 Watts
Input Connect.	Type N-Connector w/ 12" pigtail
Antenna Weight	0.25 lbs (0.11 kg)
Antenna Height	2.5 inches
Antenna Diameter	4.5 inches
Operating Temp.	-40°F to 130°F
Radome Material	Kydex, UL94 V-0 rating, White color

For inquires, contact us at [sales@fractenna.com](mailto:sales@fractenna.com)

Applicable Fractal Antenna Systems Patents: 7,190,318; 7,701,396; 9,825,368; and Patents Pending