

## Wideband (1.7-6GHz) Directional 4X4 MIMO Panel Antenna



- Directional panel antenna for **iDAS, stadiums, and other high capacity venues**
- **4X4 MIMO** with dual-polarization and minimal sidelobes
- **Continuous wideband coverage from 1.7-6GHz** in each port; enabling **5G** and future-proofing your system
- **Fraction of the size and depth** of other solutions

### Applications & Markets

- Stadium and Venue DAS
- In-building DAS
- Single & Multi-Carrier Systems
- WiFi systems

### The Fractal Advantage™

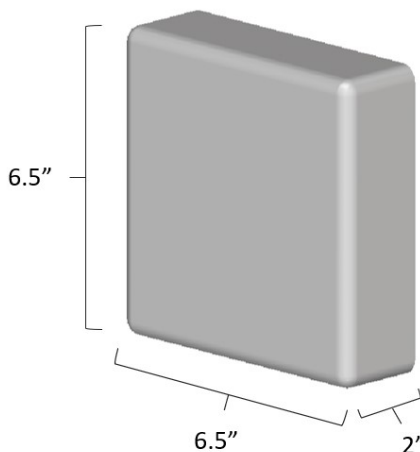
- Super-wide bandwidth for essentially **all frequency applications in single antenna**
- “*Future proof*” design **ready for LTE, 5G, CBRS, LAA, C-band** and other spectrum rollouts
- Excellent **RF performance** with ultra-wide bandwidth
- **Smallest form factor** (both size and weight) for given performance on the market

### Frequency-Dependent Specifications

Frequency (MHz)	1695-2200	2200-2700	3500-3700	3700-4200	5100-5900
Avg Gain (dbi)	5	5	4	3	1
Vertical beamwidth	45°				
Horizontal beamwidth	70°				
Avg VSWR	<2:1				
PIM	<-153 dBc				

### Other Specifications

Unit Number	<b>MAN4BPV01</b>
Impedance	50 Ω
Polarization	Dual
Max Power	20 Watts
Antenna Height x Width	6.5" x 6.5"
Antenna Depth	2"
Input Connect.	4 X 4.3-10
Operating Temp.	-40°F to 130°F
Radome Material	Kydex, UL94 V-0 rating
Color	White <i>(Custom color available upon request)</i>



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