



Cablcon is pleased to offer CORE™ DAS antennas. CORE™ DAS antennas enable LTE 4G operators to support trends such as the dramatic increase in data, photos and videos that consumers upload to social networking sites. CORE™ Antennas deliver better coverage, increased data throughput, and a stronger, more stable connection.

**CORE™ IN-BUILDING MULTI-BAND MIMO ANTENNA**

**PIM Rated Dual-Polarized Omni Ceiling Mount MIMO:**

698-2700 MHz, 3.0-3.6 GHz + 4.9 GHz Public Safety

- True MIMO with a Vertical and Horizontal Antenna
- Lowest PIM Rating Horizontal & Vertical Polarization MIMO
- Supports All Carrier Bands, 3.0-3.6 GHz Band + 4.9 GHz Public Safety
- Greater Antenna Performance
- MIMO Performance in One Enclosure
- Better Coverage Per Antenna Allows Reduced Installation Cost Due to Reduced Number of Antennas
- Incorporates Venti Group Patented Technologies



Description	Part Number
PIM Rated Dual-Polarized Omni Ceiling Mount MIMO (H&V) Antenna	VGMIMO152011MB



(Available in iBwave Designer Version 6.0 and higher)

Specifications			
Frequency Range:	698 ~ 960 / 1710 ~ 3600 MHz V + H	4940 ~ 4990 MHz V	
Peak Gain - Vertical:	698-960 MHz: 1.7 - 2.5 dBi	1710-2170 MHz: 5.1 - 6.6 dBi	
	2170-2500 MHz: 6.0 - 6.6 dBi	2500-2700 MHz: 5.4 - 6.5 dBi	
	3.0-3.6 GHz: 6.4 - 7.0 dBi		
Peak Gain - Horizontal:	698-960 MHz: 2.1 - 4.3 dBi	1710-2170 MHz: 4.0 - 5.1 dBi	
	2170-2500 MHz: 3.7 - 4.7 dBi	2500-2700 MHz: 4.3 - 5.1 dBi	
	3.0-3.6 GHz: 5.0 - 5.6 dBi		
	4.96 GHz: 4.9 dBi		
Isolation:	-22 dB @ 698 MHz	-34 dB @ 850 MHz	-29 dB @ 960 MHz
	-30 dB @ 1710 MHz	-33 dB @ 1900 MHz	-29 dB @ 2700 MHz
Vertical Beamwidth:	Vertical 60° +/- 10°		Horizontal 80° +/- 10°
Horizontal Beamwidth:	360°		
VSWR:	Typical Vertical 1.4:1		
	Typical Horizontal 1.4:1		
PIM / Passive Intermodulation (2 x 20W):	IM3: ≤ -153 dBc		
Polarization:	Port 1: Vertical Port 2: Horizontal		
Max Input Power:	100 Watts		
Connectors:	2 x N-Type Jack, 7/16 DIN or Mini DIN Pigtail, plenum-rated		
Dimensions:	16.22 x 9.21 x 5.07 inches		
Weight:	2.2 lb.		

CORE™ ANTENNAS ARE A TRADEMARK OF THE VENTI GROUP, LLC.

DALLAS • DETROIT

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