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

**Specifications**

<table>
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<tr>
<th>Description</th>
<th>Part Number</th>
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<tbody>
<tr>
<td>PIM Rated Dual-Polarized Omni Ceiling Mount MIMO (H&amp;V) Antenna</td>
<td>VGMIMO152011MB</td>
</tr>
</tbody>
</table>

**Frequency Range:**
- 698 ~ 960 / 1710 ~ 3600 MHz V + H
- 4940 ~ 4990 MHz V

**Peak Gain - Vertical:**
- 698-960 MHz: 1.7 - 2.5 dBi
- 2170-2500 MHz: 6.0 - 6.6 dBi
- 3.0-3.6 GHz: 6.4 - 7.0 dBi

**Peak Gain - Horizontal:**
- 698-960 MHz: 2.1 - 4.3 dBi
- 2170-2500 MHz: 3.7 - 4.7 dBi
- 3.0-3.6 GHz: 5.0 - 5.6 dBi
- 4.96 GHz: 4.9 dBi

**Isolation:**
- -22 dB @ 698 MHz
- -30 dB @ 1710 MHz
- -29 dB @ 960 MHz
- -34 dB @ 850 MHz
- -33 dB @ 1900 MHz
- -29 dB @ 2700 MHz

**Vertical Beamwidth:**
- Vertical 60° +/-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.