



CORE™
DAS ANTENNAS

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 SISO ANTENNA


PIM Rated Vertically Polarized Omni Ceiling Mount SISO Antenna:

698-3600 MHz + 2.4/5 GHz WiFi

- Industry Best PIM Rated Antenna (Exceeds All Carriers PIM Rating Requirements)
- Supports All Carrier Bands 3G, 4G, LTE + 2.4/5 GHz WiFi
- Uniform Patterns for Better Network SINR
- Greater Antenna Performance
- Incorporates Venti Group Patented Technologies



Description	Part Number
PIM Rated Vertically Polarized Omni Ceiling Mount SISO Antenna	VGSISO152021MB

 (Available in iBwave Designer Version 6.0 and higher)

Specifications			
Frequency Range:	698 ~ 960 MHz / 1710 ~ 3600 MHz / 5.5-5.9 GHz WiFi		
Polarization:	Vertical		
VSWR / Impedance:	698 to 3600 MHz 1.4:1 (Typical) 5.6 GHz 1.8:1 / 50 Ohms		
Gain:	750 MHz 1 dBi	870 MHz 1.1 dB	915 MHz 1.1 dBi
	1780 MHz 5.4 dBi	1910 MHz 5.9 dBi	
	2110 MHz 6.1 dBi	600 MHz 5.9 dBi	
	3.4 GHz: 6.3 dBi		
	5.71 GHz: 6.9 dBi		
Vertical Beamwidth:	Vertical 60°+/-10°		
Horizontal Beamwidth:	360°		
3 dB Beamwidth Azimuth:	Omnidirectional		
3 dB Beamwidth Elevation:	60°		
Input Power:	100 Watts		
PIM / Passive Intermodulation (2x20W):	IM3: ≤ -160 dBc		
Dimensions:	7.59" Diameter x 4.48" Height		
Connectors:	N-Type Jack, 7/16 DIN or Mini DIN Pigtail, plenum-rated		
Application Environment:	Indoor		
Weight:	0.8 lb.		
Radome:	PC-ABS		

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

DALLAS • DETROIT

Corporate Offices: 359 Robbins Drive • Troy, MI 48083-4561
Phone: 888.8.CABLCON • Fax: 248.588.1462 • www.cablcon.com





**CORE™ In-Building
Multi-Band Global
SISO Antenna**

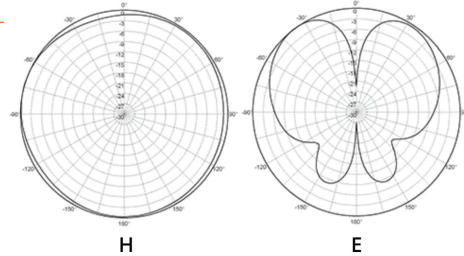
Cablcon is pleased to offer CORE™ DAS antennas. CORE™ DAS antennas enable LTE 4G operators to support trends such as the dramatic increase in data, photos and videos that consumers upload to social networking sites. CORE™ Antennas deliver better coverage, increased data throughput, and a stronger, more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

PIM RATED OMNI CEILING MOUNT GLOBAL SISO ANTENNA


PIM Rated Omni Ceiling Mount Global SISO Antenna:

698-2700 MHz

- PIM Rated Antenna
- Supports All Carrier Bands 3G, 4G, LTE
- Uniform Patterns For Better Network



Description	Part Number
PIM Rated Omni Ceiling Mount Global SISO Antenna	VGSISO170424GLOB

 **iBwave** (Coming soon to iBwave Designer Version 6.0 and higher)

Electrical Specifications			
Frequency Range:	698-800MHz	800-960MHz	1710-2700MHz
Polarization:	Vertical		
Gain:	2±1 dBi	3.5±1 dBi	5±1 dBi
VSWR:	≤1.5:1		
Horizontal Beamwidth:	360°		
Vertical Beamwidth:	70°±5°	60°±5°	40°±5°
PIM / Passive Intermodulation (2x20W):	IM3: ≤ -150 dBc		
Input Impedance:	50Ω		
Max Power:	50W		
Lightning Protection:	DC Ground		

Mechanical Specifications	
Connector Type:	N Female
Dimensions (D*H):	ψ186*80mm(ψ7.33*3.15in)
Radiating Element Material:	Aluminum
Weight:	0. 55kg
Radome Material:	UABS
Radome Color:	White
Ceiling Mounting Cable:	RG141
Operating Temperature:	-40° C~60° C

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

DALLAS • DETROIT

Corporate Offices: 359 Robbins Drive • Troy, MI 48083-4561
Phone: 888.8.CABLCON • Fax: 248.588.1462 • www.cablcon.com

