

Ultra-Wideband Omni SISO 617-7125 MHz, Vertical Pol, Low PIM

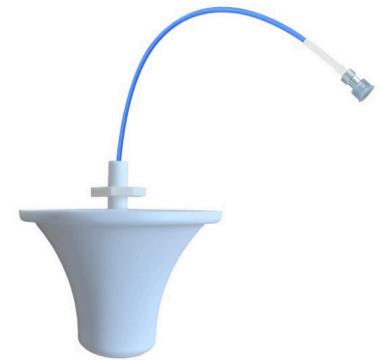
Ventev's low PIM vertically polarized omni antenna supports a 617-7125 MHz frequency range and is ideal for public safety and cellular DAS applications. It offers excellent pattern performance and market competitive specifications in a compact form-factor. It can mount to both suspended ceiling tile and hard-lid tile using the included snap-on bracket. With a wider operating temperature range (-40 °C to +60 °C) and relative humidity of up to 95%, it can be used in any indoor environment. Available in N-Female and 4.3-10 Female options.

Available Models

Connector Option	Ventev Part #	SKU
w/ N Female	VBC-VLHEM-IONF	614171
w/ 4.3-10 Female	VBC-VLHEM-IO4F	614172

Specifications

Frequency Bands, MHz	617-698	698-960	1695-2700	3300-4200	4800-7125
Polarization	Vertical				
Gain, dBi	2	2	3	3	4
Azimuth (HBW)	Omni (360°)				
Elevation (VBW)	85	85	50	60	35
VSWR	≤ 2	≤ 2	≤ 2	≤ 2	≤ 2
PIM, IM3, 2x20W (43dBm), dBc	≤ -150	≤ -150	≤ -153	NA	NA
Max Input Power, W	50				
Impedance, ohm	50				
Product Dimensions	Ø174 mm (6.85 in) x 130 mm (5.1 in)				
Input Connector	1x 4.3-10 Female or 1x N Female				
Pigtail	12" Plenum-rated				
Radome	White Color, ABS				
Mounting	Indoor Ceiling Mount thru-hole, Hard-Lid Ceiling Mount Bracket Included				
Operating Temperature	-40° C to +60° C (-40° F to +140° F)				
Relative Humidity	5 - 95%				
Weight	0.3 Kg (0.7 lbs)				



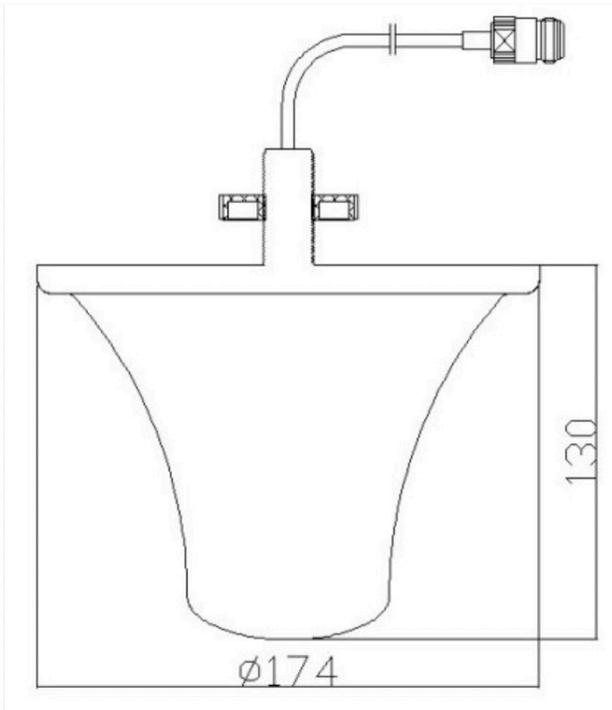
Features & Benefits

- Compact vertically polarized in-building Omni SISO antenna ideal for DAS applications
- Ultra Wide Band covering 617 – 7125MHz
- Low PIM, High Gain design with excellent pattern performance and market competitive specifications
- Thru-hole mounting to suspended ceiling tile as well as hard-lid ceilings (bracket included)



All product specifications are subject to change without notice or obligation.

Product Dimensions and Pictures

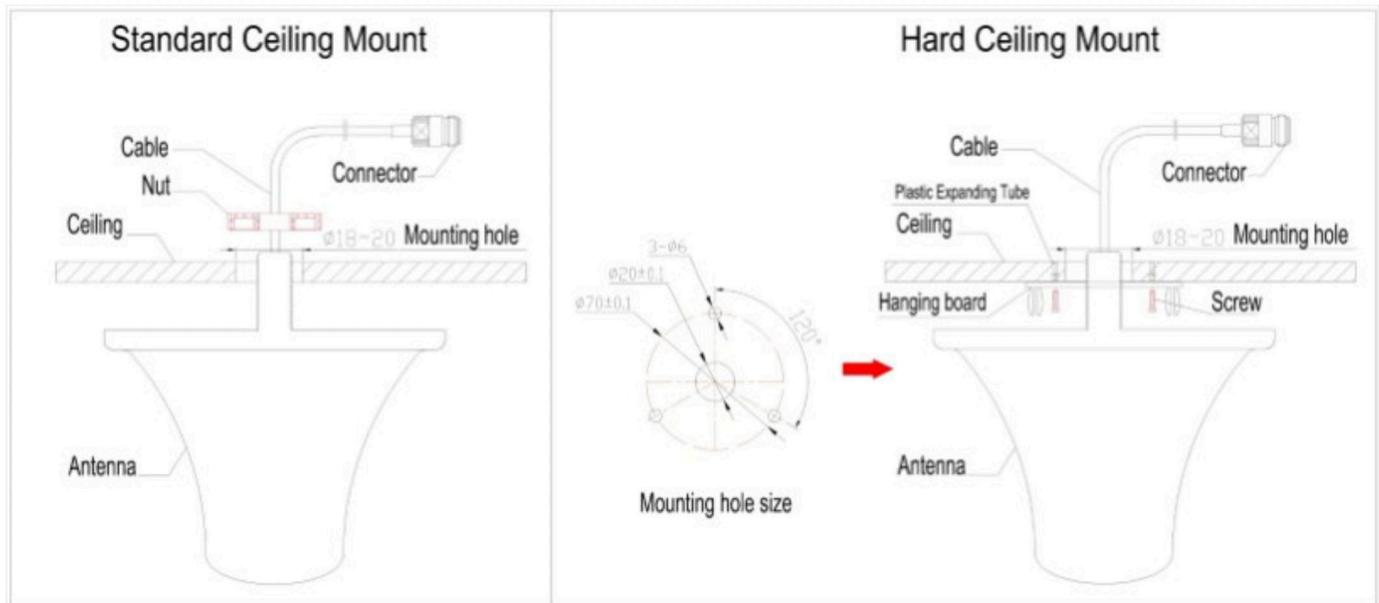


Hard-Lid Ceiling Bracket (Included) shown with Antenna.

See Installation Schematic for more details

(Drywall ceiling anchors and screws included)

Installation Schematics



All product specifications are subject to change without notice or obligation.