

# Ultra-Wide Band Omni SISO 617-6000 MHz, 1-Port, Low PIM



- ❖ SISO Indoor Omni Ideal for public safety and cellular DAS applications
- ❖ Ultra Wide Band covering 617 – 6000 MHz
- ❖ Low PIM, High Gain design with excellent pattern performance and market competitive specifications
- ❖ Ceiling/surface Mounted; Can be secured to hard ceiling

Connector Option	Product SKU	Ventev Part #
w/ N Female	284706	M3035050011206LP
w/ 4.3-10 Female	289256	M3035050011249LP

**For more information or to purchase, contact Ventev:**  
800.851.4965 or sales@ventev.com.

Electrical Specifications					
Frequency Bands, MHz	617–698	698–960	1695–2700	3300–4200	4800–6000
Polarization	Vertical				
Azimuth (HBW)	Omni (360°)				
VSWR	≤1.8	≤1.8	≤1.7	≤1.7	≤1.7
Gain, dBi	3.8	4.9	5.6	4.7	5.0
PIM, IM3, 2x20W (43dBm), dBc	≤-153	≤-153	≤-153	-	-
Max Input Power per Port, watts	50				
Impedance, ohm	50				

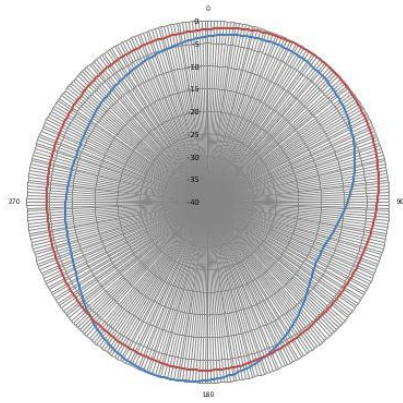
Mechanical Specifications	
Product Dims (Dia x Depth)	Ø207 mm (8.15 in) x 56 mm (2.20 in)
Input Connector	1x 4.3-10 Female or 1 x N Female
Pigtail	12" Plenum rated
Radome	White Color, ABS, UL-94 compliant
Mounting	Indoor on Ceiling or Surface Mount thru-hole
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	up to 100%
Product Weight	0.4 Kg (0.9 lbs)

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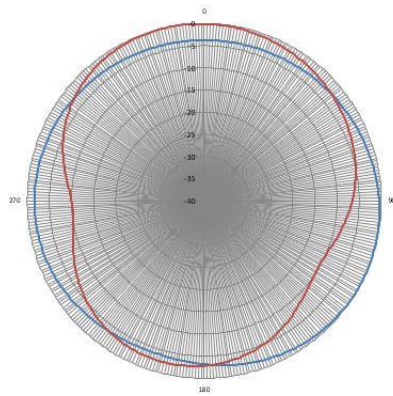
Azimuth ————

Elevation ————

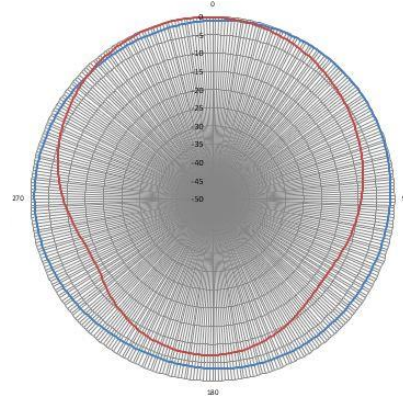
617 MHz



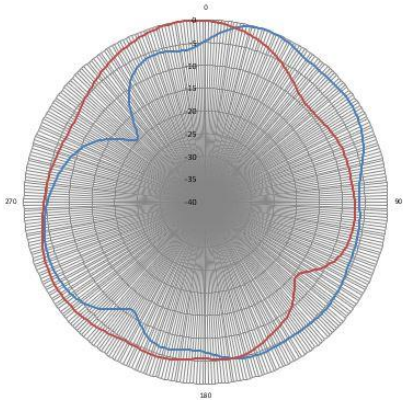
698 MHz



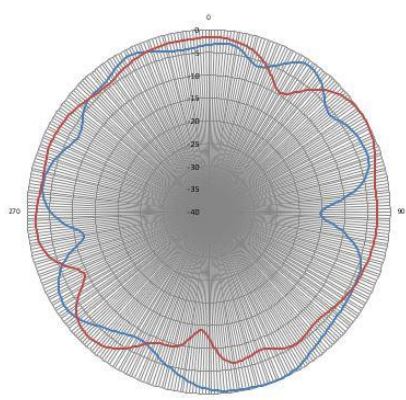
960 MHz



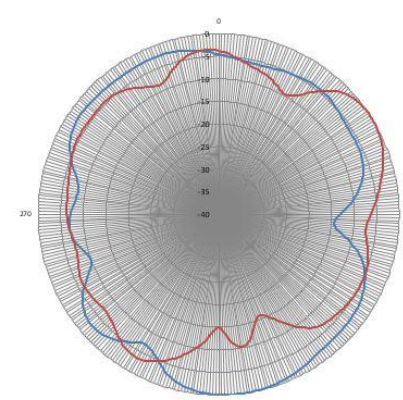
1710 MHz



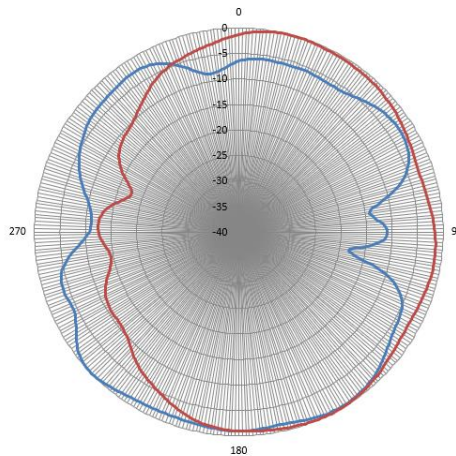
2700 MHz



3300 MHz

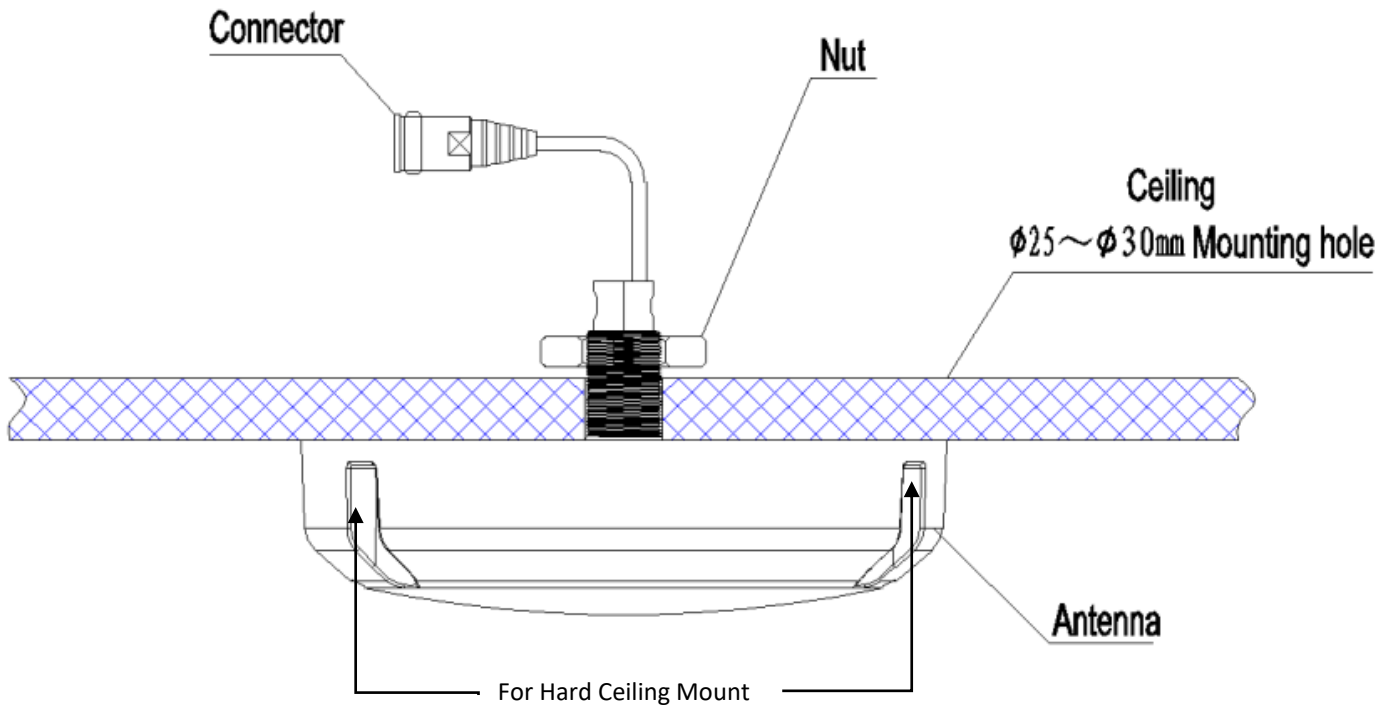


5850 MHz



Every Ventev antenna is RoHS compliant and covered by company's 2-year warranty program.

## Installation Sketch



1. Drill a  $\phi 27\text{mm}$  hole in the ceiling
2. Remove the backing Nut and feed the pigtails through the hole (One at a time)
3. For Ceiling Tile Mount, simply reinstall the backing Nut and hand-tighten until antenna back is flush with the tile
4. For Hard Ceiling Mount, use appropriate hardware (#8 size) to secure antenna from outside until antenna back is flush with the ceiling