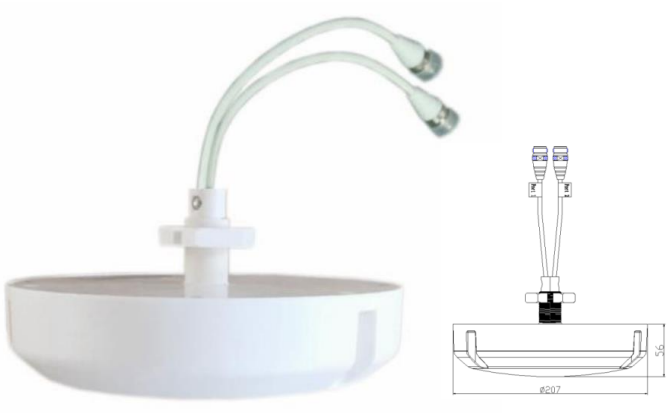
Ultra-Wide Band Omni MIMO
617-6000 MHz, 2-Port, Low PIM



- 2x2 MIMO 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	284602	M3030050O20006LP
w/ 4.3-10 Female	214714	M3030050O20049LP

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	3300–4000	4800–6000
Polarization			Linear Horizontal		
Azimuth (HBW)			Omni (360°)		
VSWR	≤1.8	≤1.8	≤1.7	≤1.7	≤1.7
Gain, dBi	4	5	6	6	6
Cross Polar Isolation, dB	≥17	≥17	≥20	≥20	≥20
PIM, IM3, 2x20W (43dBm), dBc	≤-153	≤-153	≤-153	≤-153	-
Max Input Power per Port, watts			50		
Impedance, ohm			50		

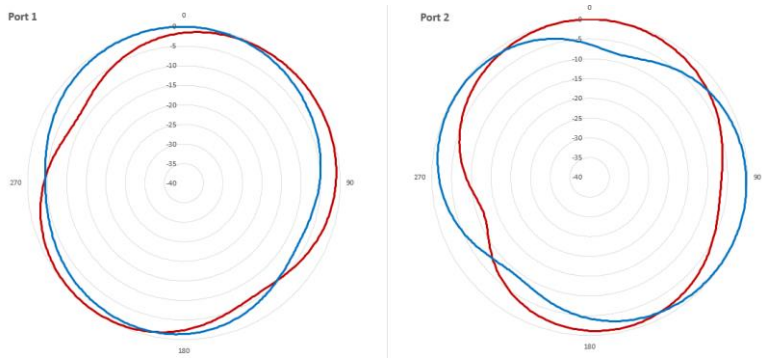
Mechanical Specifications

Product Dims (Dia x Depth)	Ø207 mm (8.15 in) x 56 mm (2.20 in)
Input Connector	2x 4.3-10 Female or 2x 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	0.5 Kg (1.1 lb)

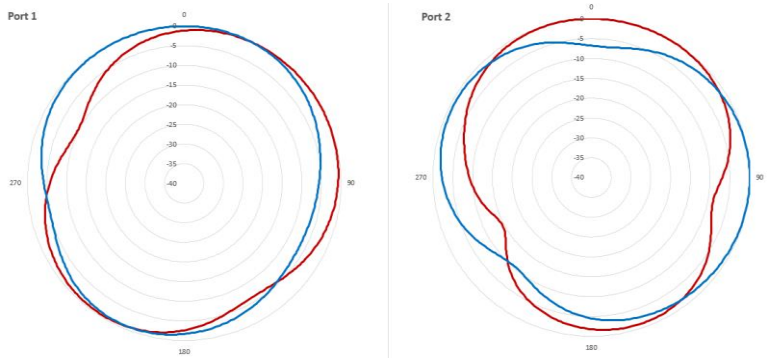
Every Ventev antenna is RoHS compliant and covered by company's 2-year warranty program.

Azimuth
Elevation

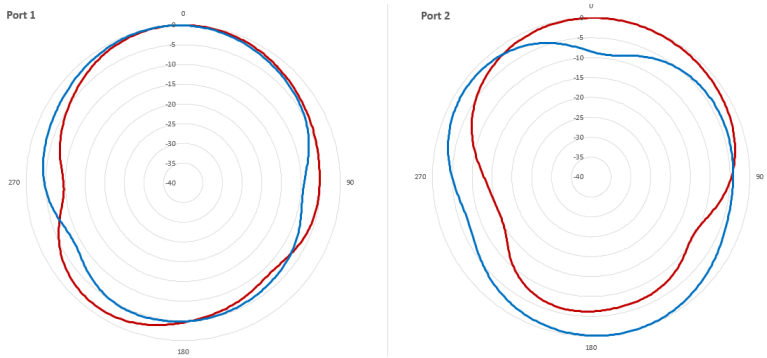
617 MHz



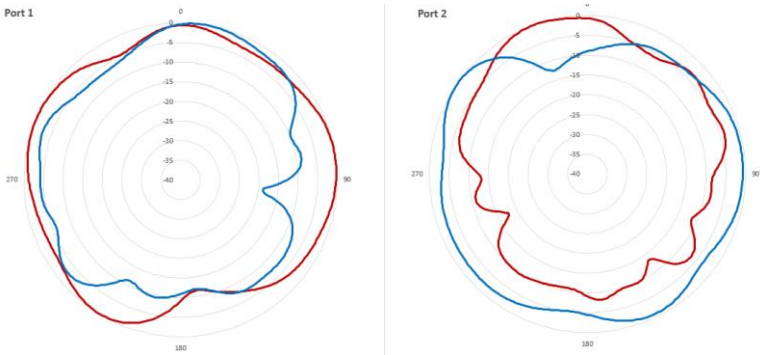
698 MHz



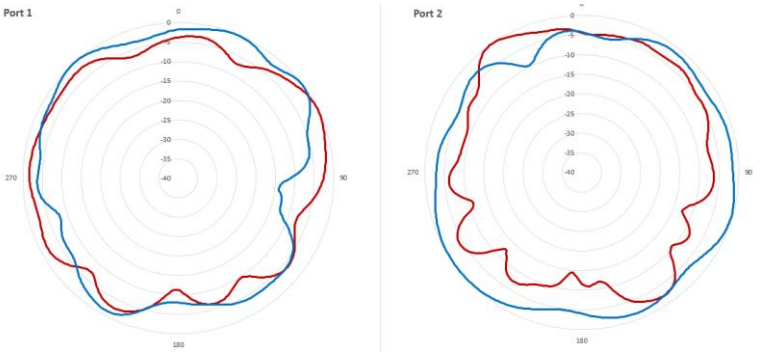
960 MHz



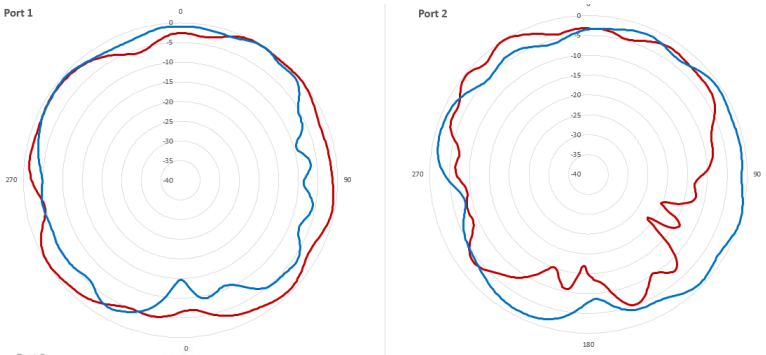
2170 MHz



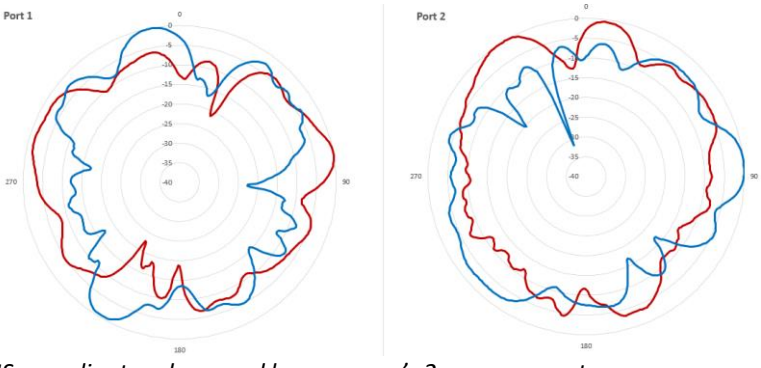
2690 MHz



3600 MHz



5950 MHz



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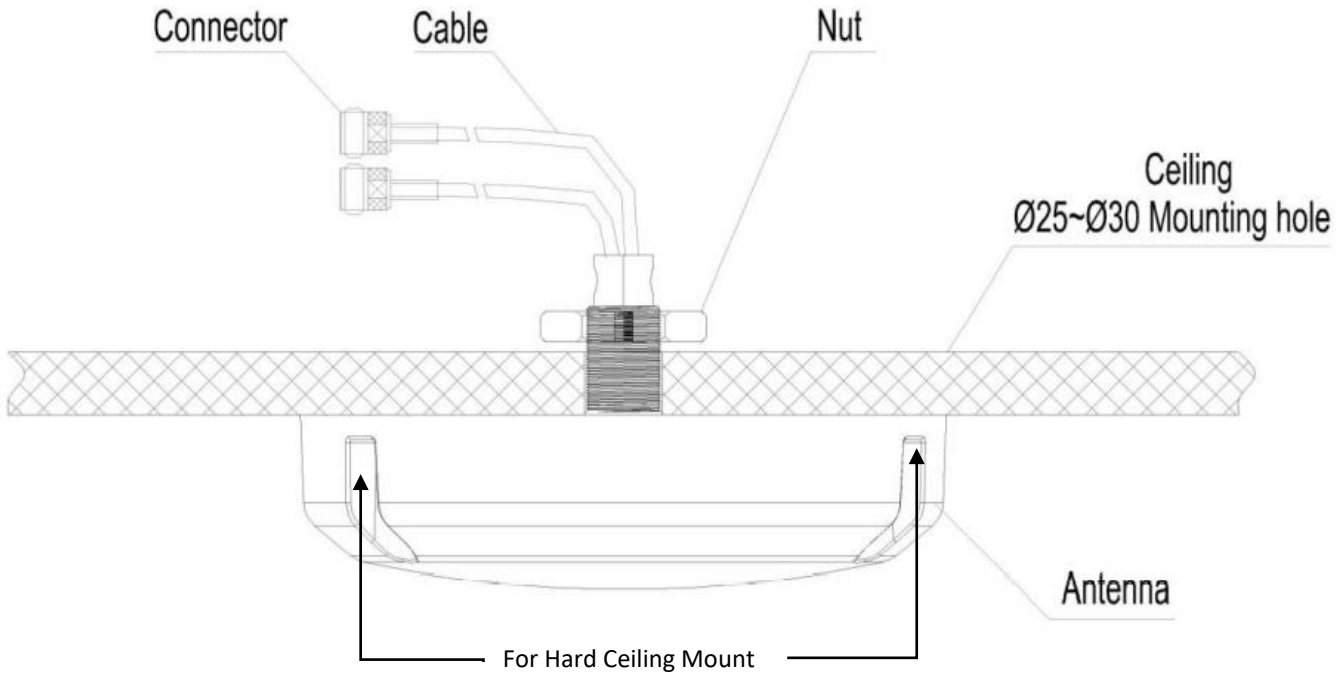
Installation Sketch



1. Drill a Ø27mm 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

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