

Ultra-Wide Band Ultra-Slim Omni SISO

617-6000 MHz, 1 Port

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Connect, Protect, and Enable™

Ventev's 617-960/1700-2700/3300-6000 MHz LTE/ CBRS 3/5/6 dBi Ceiling Tile Mount Antenna is designed for indoor wireless networks operating in the LTE or CBRS frequency range. This antenna is ideal for any indoor voice and data wireless system. Includes an N-Female or a 4.3-10 Female connector, 12 in. Plenum rated cable, and a ceiling tile mount. The horizontal and vertical beamwidths are ideal for small sector coverage.

Available Models

Description	MFG Part #	SKU
N-Female	M3030060020006CB	274780
4.3-10 Female	M3030060020049CB	250565

Specifications

Operating Frequency Range	617-698/698-960/1695-2700/ 3300-4200/4800-6000 MHz
Gain	3±0.5/3±0.5/5±0.5/6±0.5/6±0.5
Polarization	Linear Horizontal
Horizontal Beamwidth	360°
VSWR	≤2.0
PIM, IM3, 2x20 W (43 dBm), dBc	≤-150
Nominal Impedance	50 Ohms
Max Input Power	50 W
Number of Ports	1
Length of Lead	12 in. Plenum rated, UL-94 compliant
RF Connector	N-Female or 4.3-10 Female
Application	Indoor
Operating Temperature	-40° to 140°F
Humidity	Up to 100%
Dimensions	7.6 in. diameter, 0.16 in. depth
Weight	0.4 lb.
Mounting Options	Ceiling or surface mount through hole



Features & Benefits

- SISO indoor omni that's ideal for indoor DAS applications.
- Ultra-wide band covering 617-6000 MHz.
- Excellent pattern performance with market competitive specifications.
- Ultra-slim radome-less design (0.16 in./4 mm thin) for aesthetic-driven deployments.
- Ceiling/surface mounted.



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

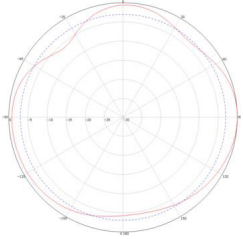
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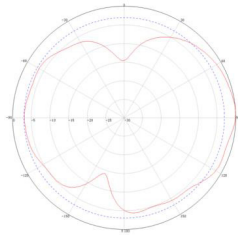
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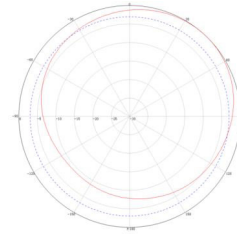
Radiation Patterns



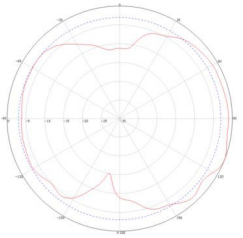
Horizontal
617 MHz



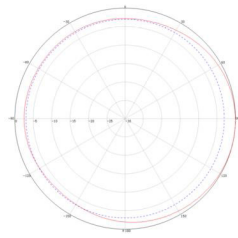
Vertical
617 MHz



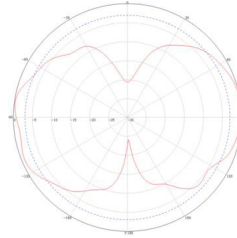
Horizontal
698 MHz



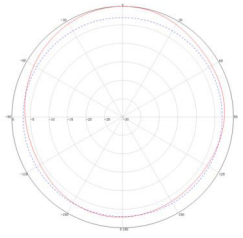
Vertical
698 MHz



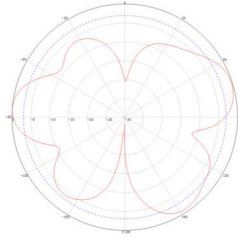
Horizontal
860 MHz



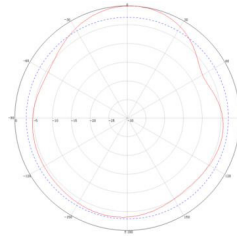
Vertical
860 MHz



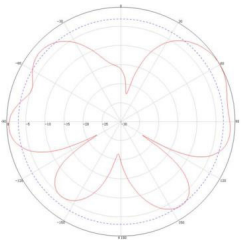
Horizontal
1895 MHz



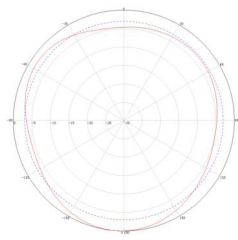
Vertical
1895 MHz



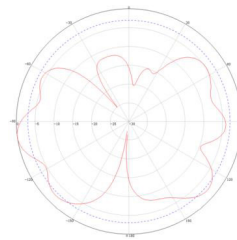
Horizontal
2700 MHz



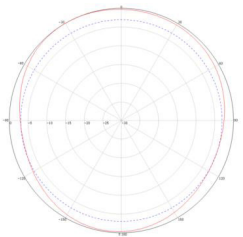
Vertical
2700 MHz



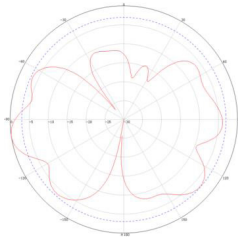
Horizontal
3700 MHz



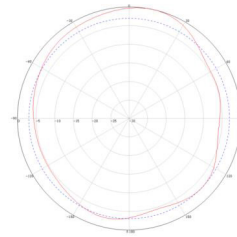
Vertical
3700 MHz



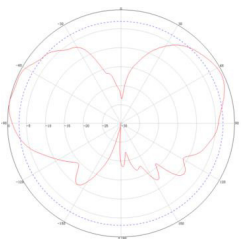
Horizontal
3900 MHz



Vertical
3900 MHz



Horizontal
6000 MHz



Vertical
6000 MHz



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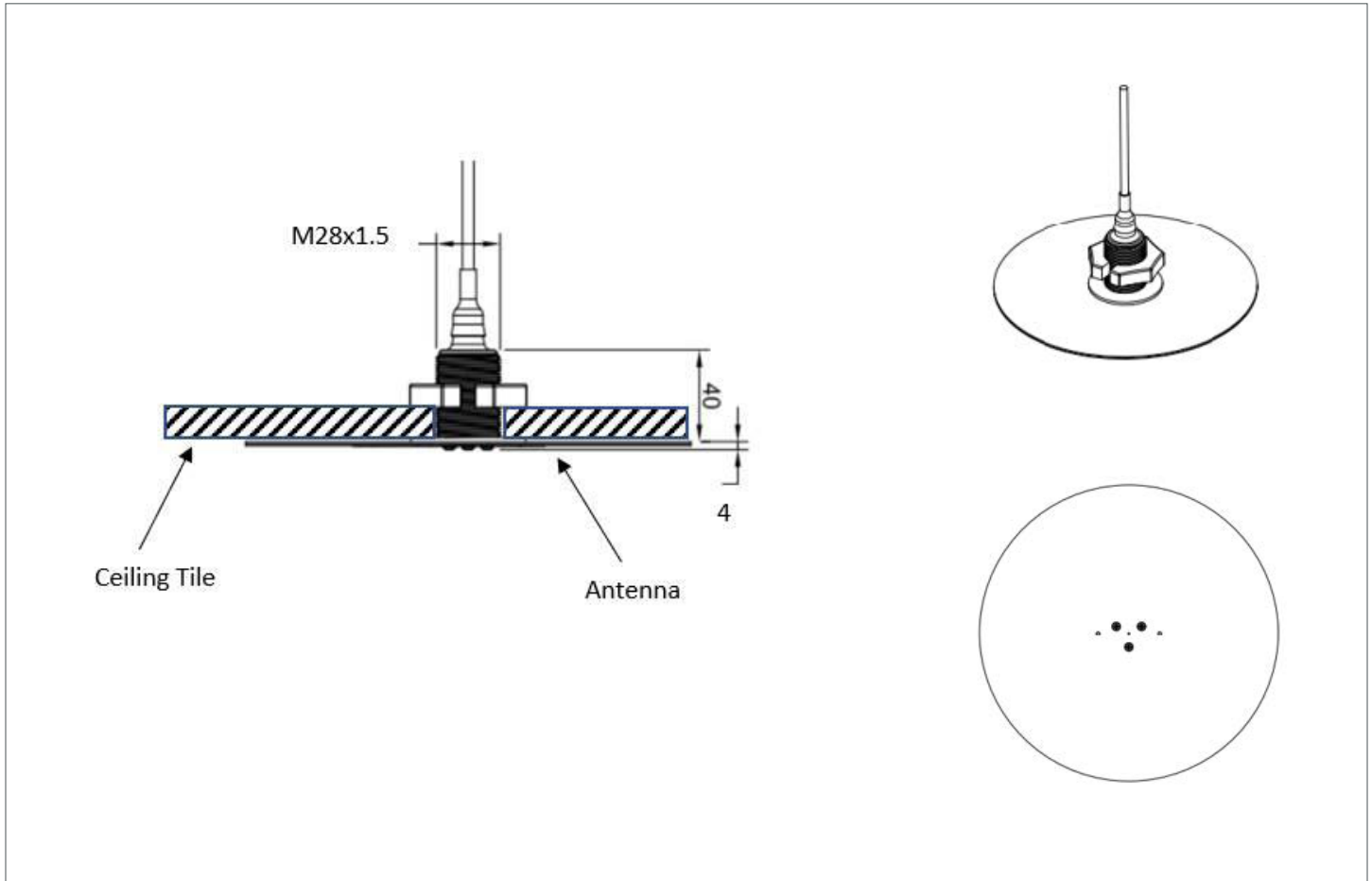
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Mount Information



Installation Instructions

- Drill a 30-32 mm diameter hole in the ceiling tile.
- Remove the backing nut and feed the pigtail through the hole.
- Reinstall the backing nut and hand-tighten until antenna back is flush with the tile.



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