

Broadband LTE Surface Mount Omni 698-960 / 1710-2700 MHz, 2-Ports



- ❖ Broadband LTE (698-960 & 1710-2700 MHz) Omni-directional Antenna
- ❖ Ideal for Industrial IoT and mobile networks
- ❖ Rugged design is well-suited for deployments in harsh environments and withstand moisture, sun, dust and wind
- ❖ Two leads provide connections for primary and diversity antenna ports found on many popular cellular modems
- ❖ Surface Mounted

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

Connector Option	Product SKU	Ventev Part #
w/ Right Angle SMA Male	217066	M302004002D1818SM
w/ N Male	272303	M302004002D3007SM

Electrical Specifications		
Frequency Bands, MHz	698–960	1700–2700
Polarization	Vertical	
Horizontal Beamwidth	Omni (360°)	
Vertical Beamwidth	65°	
VSWR	2.5	2.5
Gain, dBi	2	4
Max Input Power per Port, watts	50	
Impedance, ohm	50	

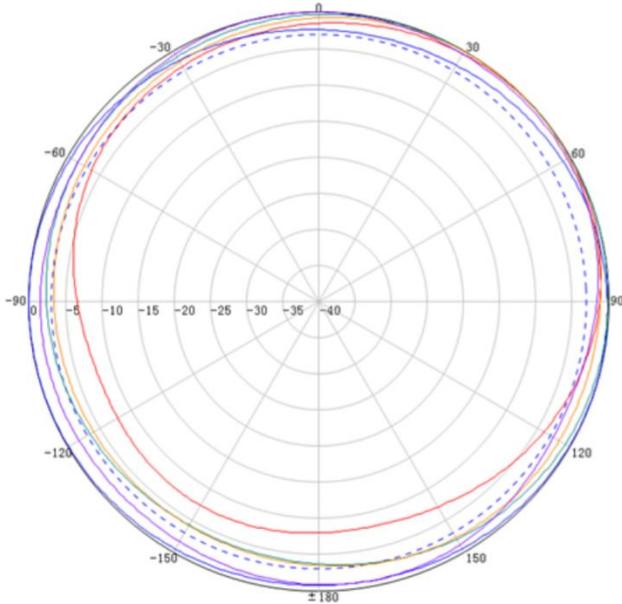
Mechanical Specifications	
Product Dims (Dia x H)	Ø44mm (1.75 in) x 89mm (3.5 in)
Input Connector	2x Right Angle SMA Male or 2 x N Male
Pigtail	30" for N-type Male option; 18" for Right Angle SMA Male option
Radome	Black
Mounting	Surface Mount
Operating Temperature	-40 °C to +60 °C (-40 °F to +140 °F)
Relative Humidity	up to 100%
Product Weight	1.5 lbs.

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

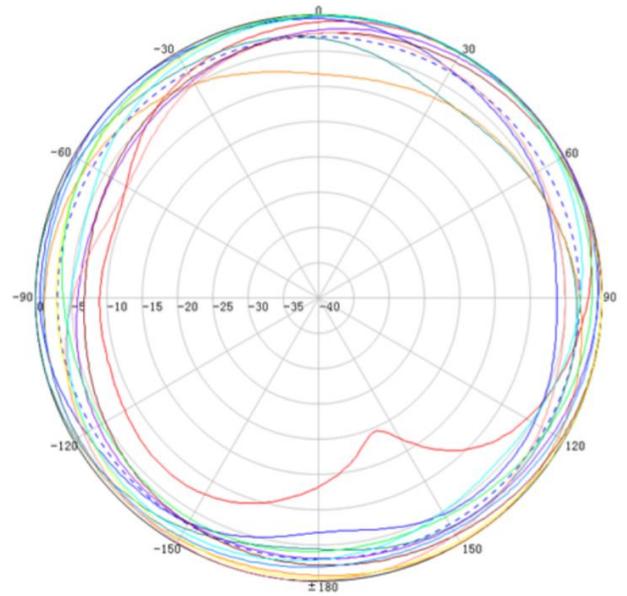
698-960/1710-2700 MHz 2/4 dBi Omni Surface Mount LTE Antenna With 2 RA SMA Male Connectors

Radiation Patterns

Port 1

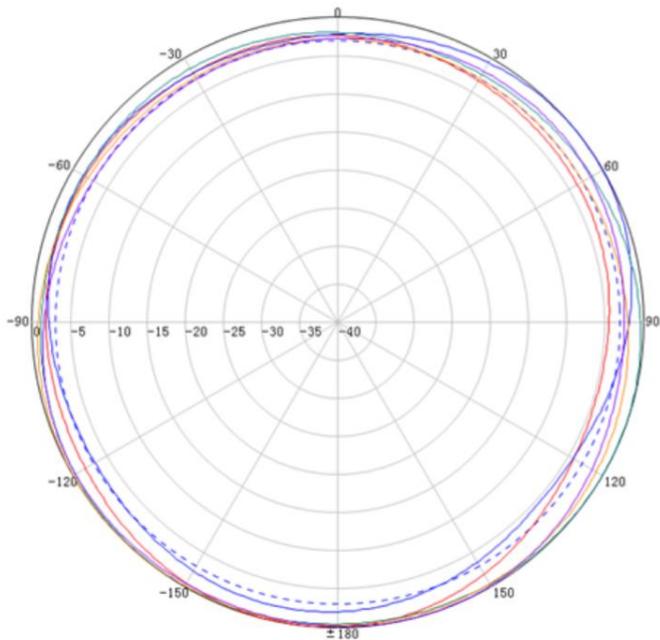


H Plane 698-960 MHz

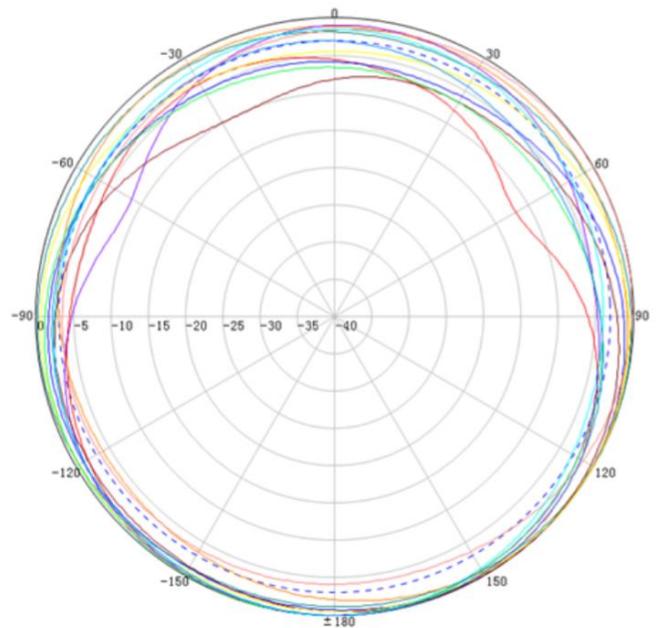


H Plane 1700-2700 MHz

Port 2



H Plane 698-960 MHz



H Plane 1700-2700 MHz

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698-960/1710-2700 MHz 2/4 dBi Omni Surface Mount LTE Antenna With 2 RA SMA Male Connectors

Mounting Instructions

Note: These instructions assume the antenna is being mounted to a flat metal surface.

1. Drill a 3/8" hole in the mounting surface.
2. Remove and retain the mounting nut.
3. Lower the connectors and cables through the hole.
4. Set the antenna flat on the mounting surface.
5. Install and tighten the mounting nut on the underside of the mounting surface.

Optional: Place a small bead of silicone sealant around the edge of the antenna where it sits atop the mounting surface.