698-2700 MHz LTE Directional Antenna

11 dBi, N-Female Connector

ventev
Connect, Protect, and Enable™

Ventev's 617-960/1710-2700 MHz Directional Antenna is designed for outdoor wireless networks operating in the LTE, 4G, and 5G frequency ranges. The antenna is ideal for the most demanding, mission-critical communications. Already deployed by the thousands in the U.S., this antenna has proven to be reliable in environments as diverse as remote oil fields, rural communication networks, and as building donor antennas in dense urban settings. It includes an adjustable mast mount for precise positioning.

Available Models

Description	MFG Part #	SKU
N-Female Connector	M3090110D11206	296694

Electrical Specifications

Operating Frequency Range	617-698 MHz	698-960 MHz	1710-2700 MHz
Polarization	Vertical		
Gain	8.5 dBi	10 dBi	11 dBi
Horizontal Beamwidth	75°	75°	60°
Vertical Beamwidth	50°	50°	40°
VSWR	≤ 2.0	≤ 2.0	≤ 1.5
Front-to-Back Ratio	≥ 15 dB	≥ 18 dB	≥ 20 dB
Max Input Power	100 W		
Impedance	50 Ohms		

Mechanical Specifications

Dimensions	17.4 x 8.1 x 1.5 in.
RF Connector	N-Female
Number of Ports	1
Mounting Options	Pole or Mast
Operating Temperature	-40° to 140°F
Wind Rating	123 mph
Weight	2.2 lbs.

Features & Benefits

- High gain (11dBi) Yagi antenna covering the 617-2700 MHz frequency range.
- Designed for outdoor wireless networks operating in the LTE, 4G, and 5G frequency ranges.
- Ideal for the most demanding, mission critical communications.
- Includes an adjustable mast mount for precise positioning.

RoHS

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

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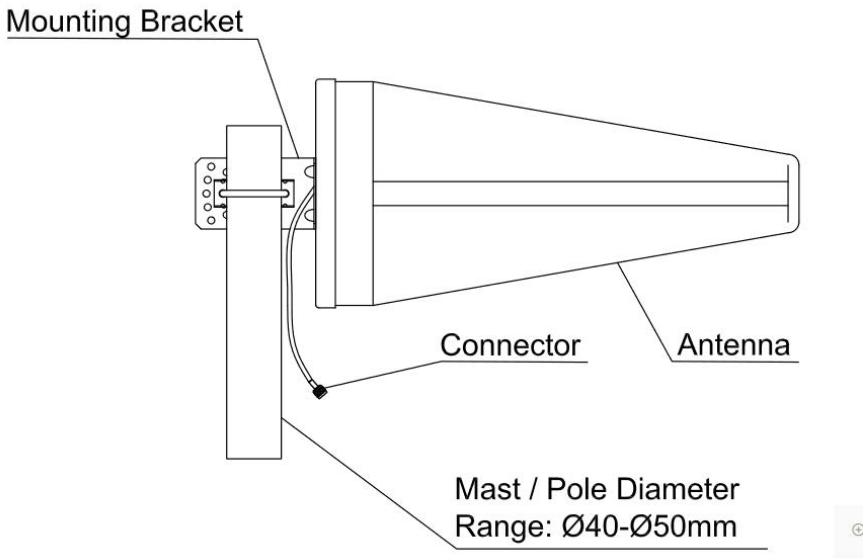
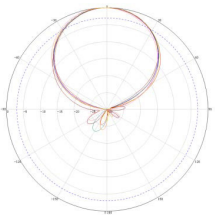
Antenna Dimensions

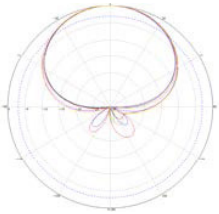
Shown in millimeters



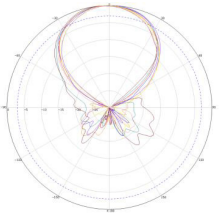
Radiation Patterns



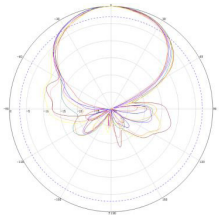
617-698 MHz
E Plane



617-698 MHz
H Plane



1710-2700 MHz
E Plane



1710-2700 MHz
H Plane

RoHS

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