

2.4/5 GHz 12/13 dBi Wi-Fi Directional Antenna

with 10 RPSMA Male Connectors

ventev®

Connect, Protect, and Enable™

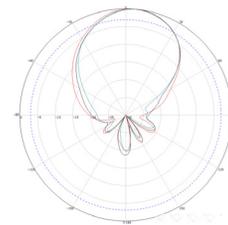
Ventev's 2.4/5 GHz 12/13dBi high-density multiple-input and multiple-output (MIMO) dual-polarized directional Wi-Fi antenna is designed to operate with Wi-Fi 5 (802.11ac Wave I & II) & Wi-Fi 6 (802.11ax) access points. The narrow beamwidths of this dual-polarized antenna are ideal for high-density environments including large public venues (LPVs).

Specifications

SKU	227659
Manufacturer Part Number	M6012013D1D103620
Operating Frequency Range	2.4/5 GHz
Gain	12/13 dBi
Polarization	5 x Vertical, 5 x Horizontal
Vertical Beamwidth	45°/28° (Ports 1-5), 50°/40° (Ports 6-10)
Horizontal Beamwidth	50°/40° (Ports 1-5), 45°/28° (Ports 6-10)
VSWR	≤ 2.0
Nominal Impedance	50 Ohms
Max Input Power	50 W
Number of Ports	10
Length of Lead	36 in RG58
RF Connector	RPSMA Male
Application/Environment	Large Public Venue/Outdoor
Operating Temperature	-40° to 140° F
Dimensions	14.6 x 14.6 x 1.5 in
Weight	2.60 lbs.
Wind Load	100 mph
Front to Back Ratio	≥ 18 dB/ ≥ 25 dB
Port to Port Isolation	≥ 28 dB



Radiation Patterns

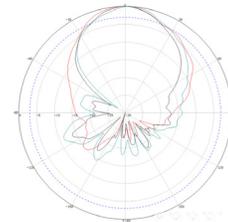


Vertical

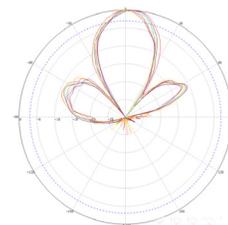
Freq:2400MHz
HPBW(3dB):47.86°

Freq:2450MHz
HPBW(3dB):43.04°

Freq:2500MHz
HPBW(3dB):47.11°



Horizontal



Vertical

Freq:2400MHz

Freq:2450MHz

Freq:2500MHz

Freq:2400MHz

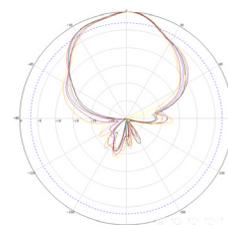
Freq:2450MHz

Freq:2500MHz

Freq:2400MHz

Freq:2450MHz

Freq:2500MHz



Horizontal

