

# 2.4/5GHz 12/13dBi Wi-Fi Directional Antenna with 8 RPSMA Connectors



Ventev's 2.4/5GHz 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). *Every Ventev antenna is covered by the company's two-year TerraNet warranty program.*

**For more information or to purchase, contact Ventev:** 800.851.4965 or [sales@ventev.com](mailto:sales@ventev.com).

## SPECIFICATIONS

**SKU:** 265253

**Product Number:** M6012013D1D83620

**Gain:** 12dBi / 13dBi

**Polarization** 4x Horizontal

**Polarization** 4x Vertical

**Nominal Vertical Plane** 3-dB BW: 45° / 28° (Ports 1-4); 50° / 40° (Ports 5-8)

**Nominal Horizontal Plane** 3-dB BW: 50° / 40° (Ports 1-4); 45° / 28° (Ports 5-8)

**Nominal Input Impedance ( $\Omega$ )** 50

**VSWR**  $\leq 2.25$

**Front-to-Back Ratio (dB)**  $\geq 19$

**Port-to-Port Isolation (dB)**  $\geq 18$  /  $\geq 25$

**Max. Power (W)** 50

**Connector Type** 8 x RPSMA

**Cable Length** 36" RG58

**Dimensions** Length 12" Width 12" Height 1.5"

**Weight** 2.1 lbs.

**Water/Foreign Body Ingress** IP-54

**Operational Wind** 100 MPH

**Operating Temperature Range** - 40° to 140° F

## FEATURES AND BENEFITS

- Narrow beamwidths (45° / 28° Vertical and 50° / 40° Horizontal) deliver on the modern user demand for high density connectivity.
- Eight dual-band leads deliver exceptional performance while simplifying connection to the access point.
- Ships with articulating mount hardware to support mast and/or wall mounting.