

# High Gain 35° Directional CBRS Antenna 3300-3800 MHz, 2x N-type Female Ports



- ❖ High gain directional antenna covering the 3300-3800MHz range supporting CBRS and 3.45MHz spectrum
- ❖ Cross pol design with 14dBi gain in a small form factor
- ❖ Ideal for CBRS networks in outdoor environments and Large Public Venues

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

Connector Option	Product SKU	Ventev Part #
N Female	243996	T38014D20006

Electrical Specifications	
Frequency Bands, MHz	3300-3800
Polarization	±45°
Azimuth (HBW)	35°
Elevation (VBW)	32°
VSWR	≤2.0
Gain, dBi	14
Front-to-Back Ratio (dB)	≥30
Port-to-Port Isolation (dB)	≥28
Max Input Power per Port, watts	50
Lightening Protection	Grounded through mounting bracket
Impedance, ohm	50

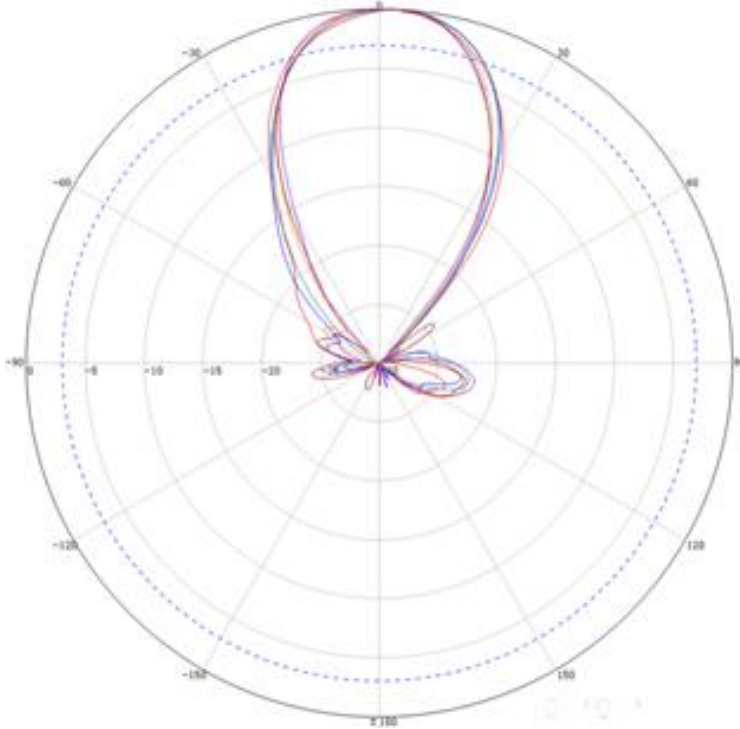
Mechanical Specifications	
Product Dims	12 x 12 x 1.4 in
Input Connector	2 x N-Female on the back
Mounting	Mast/Pole mount (1.5 – 2.4" OD) using supplied U-bolts
Radome Material/Color	UV Resistant ABS, White
Operating Temperature	-40 °F to +158 °F
Wind Survival	100mph
Ingress Protection	IP55
Product Weight	1.36 Kg (3 lbs)

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

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## Radiation Patterns

### Horizontal



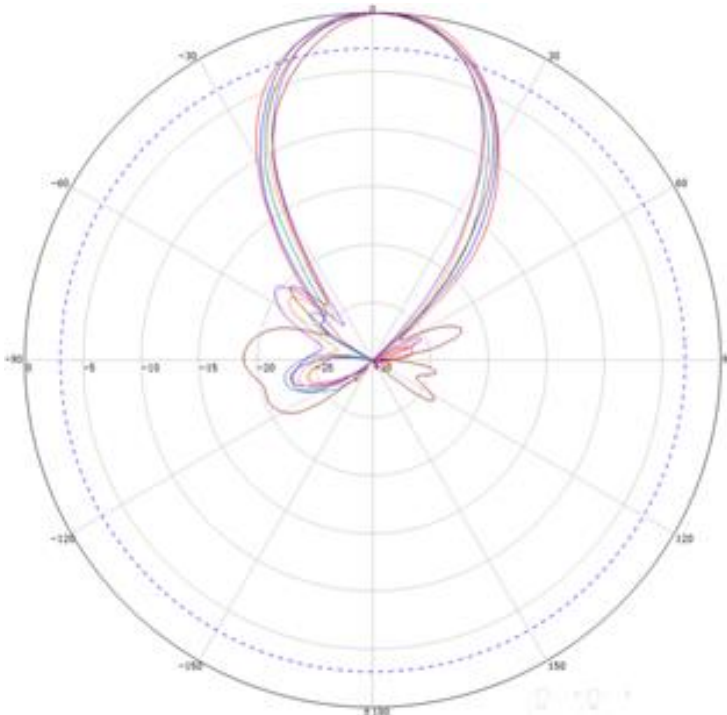
Freq:3300MHz  
HPBW(3dB):34.37°

Freq:3400MHz  
HPBW(3dB):33.83°

Freq:3500MHz  
HPBW(3dB):34.18°

Freq:3600MHz  
HPBW(3dB):32.50°

### Vertical



Freq:3700MHz  
HPBW(3dB):32.66°

Freq:3800MHz  
HPBW(3dB):30.96°