

# ANT-293

617-960, 1710-2700, 3300-4000, 4900-6000MHz  
MIMO Omnidirectional antenna



## Application

Used in 2G/3G/4G/5G/WLAN system

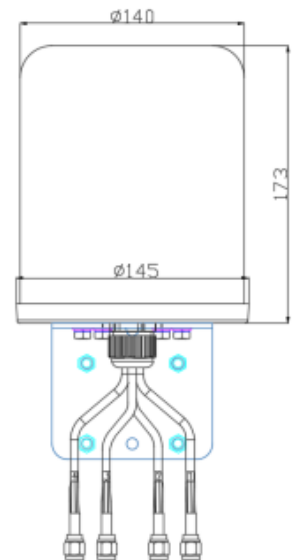
## Electrical specifications

Frequency range (MHz)	617-960	1710~2700	3300~4200	4900~6000
Polarization	4*Vertical			
Maximum Gain (dBi)(based on 30cm cable)	3	5	5	5
Horizontal beam width (°)	360			
Typical Vertical beam width (°)	85	70	55	28
Impedance (Ω)	50			
VSWR	≤2.5			
Maximum power (W)	50			

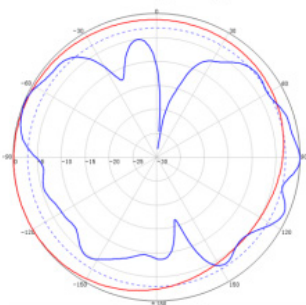
## Mechanical specifications

Connector	4*N Female
Customized Cable Length (cm)	50
Connector position	Bottom
Antenna size (mm)	Φ145*173
Packing size (mm)	323*165*165
Weight (kg)	≤1.1(Include bracket)
Radome material	ABS
Radome color	White
Operating humidity (%)	5~95
Operating temperature (°C)	-40~60
Application	Outdoor
Rated wind velocity (m/s)	40
Suitable pole diameter (mm)	Φ30-Φ50
Ingress Protection	IP65 (After blocking the water outlet hole)

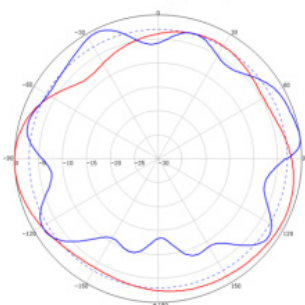
## Product size



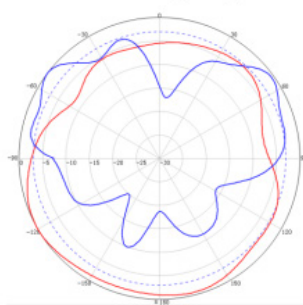
617~960MHz Typical pattern:



1710~2700MHz Typical pattern:



3300~6000MHz Typical pattern:



## Installation Sketch

