

Broadband Directional Antenna

ANT-252 Technical Sheet

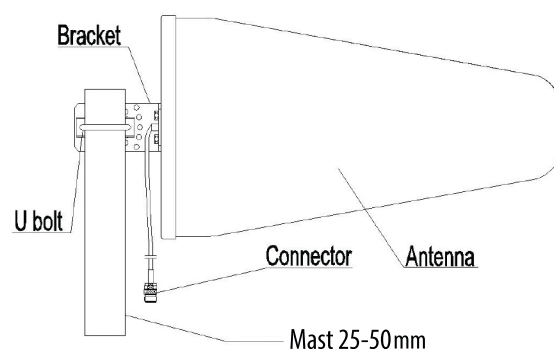


Electrical specifications	ANT-252		
Frequency range (MHz)	698～960	1710～2700	3300～3800
Polarization	Vertical		
Gain (dBi)	9±1	9±1	9±1
Hor. Beam width (°)	85±15	80±15	75±15
Ver. Beam width (°) (Typical value)	60	65	60
VSWR	≤1.5		
Front-to-back ratio (dB)	≥15		
Impedance (Ω)	50		
Intermodulation IM3 (2×33dBm carrier))	≤-140dBc		
Maximum power (W)	50		
Mechanical specifications			
Connector	N Female or customized		
Height/width/depth (mm)	(512×210×64) ±1.5		
Weight (kg)	1 (Include bracket)		
Radome material	HIPS		
Radome color	White		
Mounting	Mast		
Operating temperature (°C)	-40～60		
Application	outdoor		

Features

- GSM/CDMA/WLAN/3G/4G/5G
- Wide band with coverage of common systems
698-960/1710-2700/3300-3800 MHz.
- Light weight and small size.
- UV Stable HIPS radome

Installation Sketch



Note: When installing, you should let the side with a little hole face down to prevent the antenna radome from water.