

# Omni Directional Antenna for 2400-2500 & 5150-5875 MHz

Version 2.0

## SAA13-220090

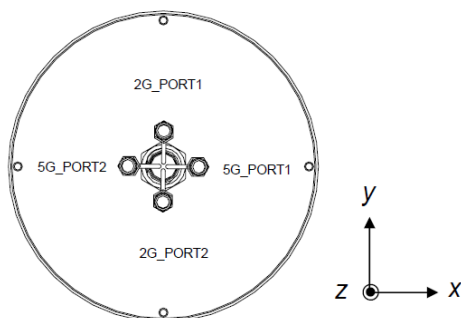
### Electrical Specification

Frequency range	2400 – 2500 MHz	5150 – 5875 MHz
Peak Gain	3.0 dBi	6.0 dBi
VSWR	2.0 : 1 Max.	2.0 : 1 Max.
Polarization	Linear, Vertical	Linear, Vertical
Horizontal HPBW 3dB	360° coverage	360° coverage
Vertical HPBW 3dB	60°	70°
Isolation	14 dB Min	16 dB Min
Front-to-back ratio	0 dB	-5 dB
Input impedance	50 Ohm	
Cable	RG178 260mm	RG178 260mm
Connector	RP SMA plug x 2	RP SMA plug x 2
Power handling	10 W (cw)	6 W (cw)
Lightning protection	DC ground	

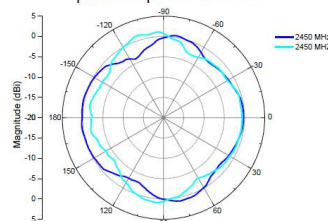


### Environmental & Mechanical Characteristics

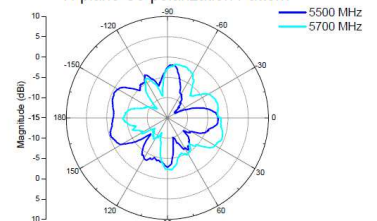
Survival wind speed	N/A
Temperature	-10°C to +55°C
Humidity	95% @ 55°C
Radome color	White
Radome material	ABS, UV resistant
Weight	146.5 g
Dimensions	ø133 x 75 mm
Waterproof	N/A
Mounting kit	Ceiling mount



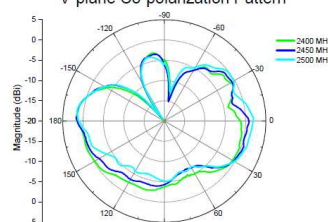
2G XY plane  
H-plane Co-polarization Pattern



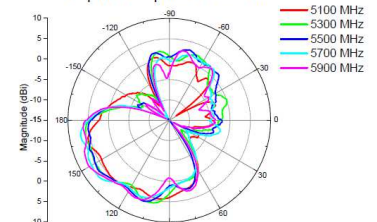
5G XY plane  
H-plane Co-polarization Pattern



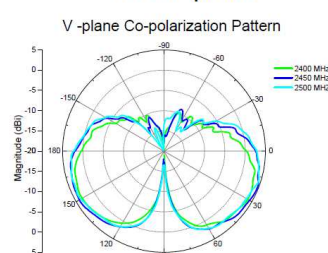
2G YZ plane  
V-plane Co-polarization Pattern



5G YZ plane  
V-plane Co-polarization Pattern



2G XZ plane  
V-plane Co-polarization Pattern



5G XZ plane  
V-plane Co-polarization Pattern

