

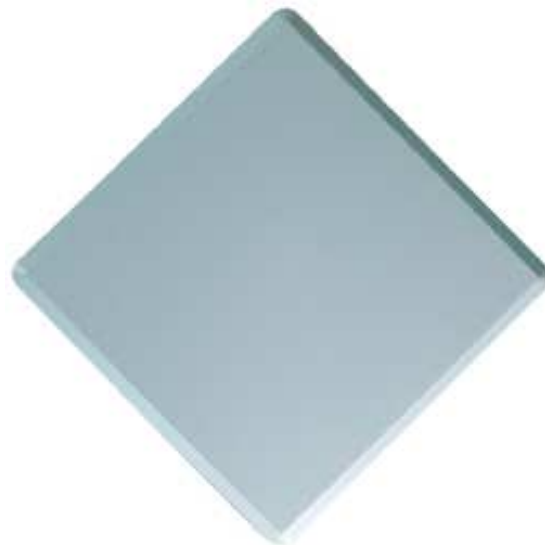
High Gain Directional Panel Antenna for 5150 – 5875 MHz

Version 3.2

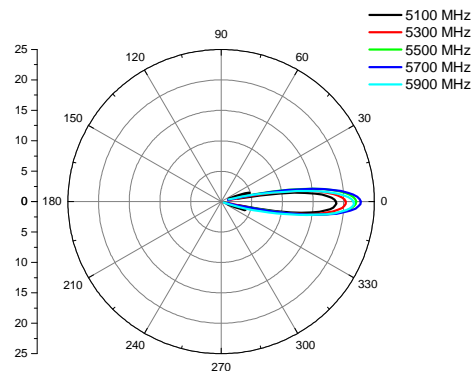
SAA04-20212A

Electrical Specification

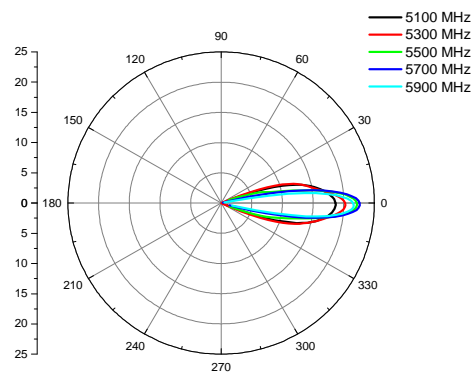
Frequency range	4900 - 5150MHz	5150 -5875 MHz
Peak Gain	19 dBi	23 dBi
VSWR	3.0 : 1 Max.	2.0 : 1 Max.
Polarization	Linear, vertical	
HPBW / Horizontal	9° - 10°	
HBPW / Vertical	9° - 14°	
Sidelobe level	-20 dB Max.	
Front-to-back ratio	30 dB Min.	
Isolation	N/A	
Input impedance	50 Ohm	
Cable	N/A	
Connector	N jack	
Power handling	20W (cw)	
Lightning protection	DC ground	



H-plane Co-polarization Pattern



V-plane Co-polarization Pattern



Environmental & Mechanical Characteristics

Survival wind speed	216 km/hr
Temperature	-40°C to +80°C
Humidity	95% @ 55°C
Radome color	Gray
Radome material	PC, UV resistant(UL94 V-2)
Weight*	1.2 kg
Dimensions**	320 x 320 x 43 mm
Waterproof	IP-57
Mounting kit	Pole mount & Wall mount
Salt Fog	MIL-STD-810E,Method 509.4

*exclusive of mounting kit

**include N jack