

# Directional Antenna for 5150 - 5875 MHz SAA08-200420

Version 1.0

## Electrical Specification

Frequency range	5150 – 5250 MHz	5250 – 5875 MHz
Gain*	21.5 dBi	22 – 23 dBi
VSWR	2.0 : 1 Max.	
Polarization	Linear, Vertical	
HPBW/horizontal	9° - 11.5°	
HPBW/vertical	8° - 12°	
Standard compliance	Co-pol. ETSI EN 302 085 V1.2.3 TS1 – TS3 Cross-pol. ETSI EN 302 085 V1.2.3 TS1 – TS3	
Front-to-back ratio	34 dB Min.	
Isolation	N/A	
Input impedance	50 Ohm	
Cable	N/A	
Connector	N jack	
Power handling	5 W (cw)	
Lightning protection	DC ground	



## Environmental & Mechanical Characteristics

Survival wind speed	216 km/hr
Temperature	-40°C to +80°C
Humidity	95% @ 55°C
Radome color	Gray-white
Radome material	PC, UV resistant
Weight*	2.2 kg
Dimensions**	320 x 320 x 43 mm
Waterproof	IP-57
Mount kit	Pole mount & Wall mount

\*inclusive of mount kit

\*\*include N jack

