



SmartAnt

802.11 bgn Antenna Product List

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802.11bgn Antenna Specifications



Model	SAA08-050240		
Operating environment	Indoor		
Radiation	Omni Directional		
Electrical Specificaiton			
Frequency Range	2400MHz - 2500 MHz		
Gain	2.6 dBi	2.6 dBi	2.6 dBi
VSWR	2.0 : 1 (Max.)		
Polarization	Linear, Vertical	Linear, Vertical	Linear, Vertical
HPBW/Horizontal	360°	360°	360°
HPBW/vertical	36° - 40°	36° - 40°	36° - 40°
Downtilt	—		
Front to back ratio	—		
Power handling	2 W (cw)		
Impedance	50ohm		
Cable	ULA100-3F, White, 1.5 m		
Connector	RP SMA plug	RP SMA plug	RP SMA plug

Enviromental &Mechanical Characteristics

Survival wind speed	—
Temperature	-10°C ~ 55°C
Humidity	95% @ 55°C
Radome	ABS UV resistant
Water resistance	N/A
Weight	0.2 Kg
Dimension	φ 76.6 x 185 mm



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802.11bgn Antenna Specifications



SAA08-050490

Outdoor

Triple Polarization Directional

2400MHz - 2500 MHz

14.5 - 15 dBi	14.5 - 15 dBi	13 - 14 dBi
	2.0: 1Max.	
Linear, -45°	Linear, -45°	Linear, Horizontal
39° - 48°	39° - 48°	32° - 37°
19° - 20°	19° - 20°	19°
	—	
19 dB (Max.)	14 dB (Max.)	10 dB (Max.)
	20W(cw)	
	50ohm	
	—	
N jack	N jack	N jack

216km/hr

-40°C ~ 80°C

95% at 55°C

PC, UV Resistant

IP67

1.14 kg

320 x 320 x 43 mm