



SmartAnt

802.11 an Antenna Product List

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SmartAnt

802.11an Antenna Specifications



Model	SAA08-200140
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Operating environment	Outdoor
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Radiation	Dual Polarization Directional
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Electrical Specificaiton

Frequency Range	5150MHz - 5875 MHz
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Gain	20dBi	20dBi
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VSWR	2.0 : 1 (Max.)	2.0 : 1 (Max.)
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Polarization	Linear, +45°	Linear, -45°
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HPBW/Horizontal	10°	10°
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HPBW/vertical	10°	10°
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Downtilt	—
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Front to back ratio	+30 dB (max.)	+30 dB (max.)
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Power handling	5 W (cw)
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Impedance	50ohm
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Cable	—
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Connector	N Jack	N Jack
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Enviromental &Mechanical Characteristics

Survival wind speed	216 km/hr
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Temperature	-40°C ~ 80°C
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Humidity	95% at 55°C
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Radome	PC, UV resistant
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Water resistance	IPX5
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Weight	
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Dimension	320 x 320 x 20 mm
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802.11an Antenna Specifications



SAA08-200700

Indoor

Dual Polarization Directional

5150MHz - 5875 MHz

13 - 14 dBi	13 - 14 dBi
20dBi	20dBi
Linear, +45°	Linear, -45°
53° - 68°	53° - 68°
12° - 14°	12° - 14°

+18 dB (max.)

10 W (cw)

50ohm

SMA jack

+18 dB (max.)

SMA jack

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-10°C ~ 55°C
95% at 55°C
ABS, UV resistant
IPX5
250 g
330 x 93 x 21.4 mm



SAA09-200250

Outdoor

Dual Polarization Directional

4900 MHz - 6100 MHz

19dBi - 21dBi	19dBi - 21dBi
	2.0 : 1 (max.)
Linear, +45°	Linear, -45°
7.4° - 10.0°	7.4° - 10.0°
8.0° - 9.7°	8.0° - 9.7°

+25 dB (max.)

2 W (cw)

50ohm

Phi1.37, 330 mm

HRS U.FL

Phi1.37, 330 mm

HRS U.FL

216 km/hr
-40°C ~ 80°C
95% at 55°C
ABS, UV Resistant
IP67
1.45 kg
360 x 360 x 29.5 mm