

Antenna for Wi-Fi and ZigBee Wireless Communications For North America

SE-ANT-ZB-WIFI-01, SE-ANT-ZB-WIFI-03, SE-ANT-EVSA-WIFI-1



COMMUNICATION

Simple Wireless Connectivity

- Used to connect a SolarEdge device to the monitoring platform via Wi-Fi or ZigBee wireless communication
- Used to connect a SolarEdge device to Smart Energy devices via ZigBee communications
- Indoor or outdoor usage
- 5 years warranty
- Antenna external to device for wider range

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SE-ANT-ZB-WIFI-01, SE-ANT-ZB-WIFI-03, SE-ANT-EVSA-WIFI-1

Model number: AS4032-1

Compatible Inverters	SE-ANT-ZB-WIFI-01	SE-ANT-ZB-WIFI-03	SE-ANT-EVSA-WIFI-1	UNIT
	SExxx-xxxxxBxxx	SExxK-xxxlxxx4 (excluding SExxKxxxPlxxxx)	Smart EV Charger	
ELECTRICAL SPECIFICATIONS				
Frequency Range	2.4-2.5			GHz
Gain (Max)	5			dBi
Beam Width – Horizontal	360			Degrees
Beam Width – Vertical	30			Degrees
Maximum Input Power	5			W
VSWR	2.1:1			
Polarization	Linear			
Impedance	50			Ohm
Radiation	Omni Directional			
Antenna Type	Co-linear Dipole			
Antenna Design	Dipole Array			
Application	Indoor / Outdoor			
ENVIRONMENTAL SPECIFICATIONS				
Operating/Storage Temperature	-40 to +185 / -40 to +85			°F / °C
Storage Humidity	10% to 90% non-condensing			
Operating Humidity	5% to 90% non-condensing			
MECHANICAL SPECIFICATIONS				
Dimension (Height x Diameter)	7.9 x 0.8 / 200 x 20			In / mm
Weight	0.11 / 50			lbs / g
Cable	RG316			
Cable length (Max)	53 / 135	70.9 / 180	35.4 / 90	In / cm
Connector	RP SMA	RP SMA + Right Angle Adapter	RP SMA	
Internal Material	PCB + spring			
Base Material	PC Lexan 503R-WH5151L or WH8G952 Sabic			
Number of devices in a box	1			