
Antenna for Wi-Fi and ZigBee Communications

SE-ANT-ZBWIFI-KIT, SE-ANT-ZB-WIFI-01



COMMUNICATION

Simple Wireless Connectivity

- Used to connect a SolarEdge device to the monitoring platform via Wi-Fi
- Used to connect a SolarEdge device to Smart Energy devices via ZigBee communications
- Antenna external to inverter for wider range
- Indoor or outdoor usage
- 5 years warranty
- Wi-Fi and ZigBee stations are built into the SolarEdge device

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Compatible Inverters	SExxx-xxxxxBxxx		UNIT
ELECTRICAL SPECIFICATIONS			
Frequency Range	2.4-2.5		GHz
Gain (Max)	5		dBi
Beam Width – Horizontal	360		Degrees
Beam Width – Vertical	50		Degrees
Maximum Input Power	5		W
Input Impedance	50		Ohm
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 Temperature	-40 to +140/ -40 to +60		°F/ °C
Storage Humidity	10% to 90% non-condensing		
MECHANICAL SPECIFICATIONS			
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Dimension (Height x Diameter)	8.7x0.5/222x13		In / mm
Weight	0.11 / 50		lbs / gr
Cable	RG174		
Cable length (Max)	53/ 135		In / cm
Connector	RP SMA		
Internal Material	PCB + spring		
Base Material	PC Lexan 503R-WH5151L or WH8G952 Sabic		
Number of devices in a box	5	1	