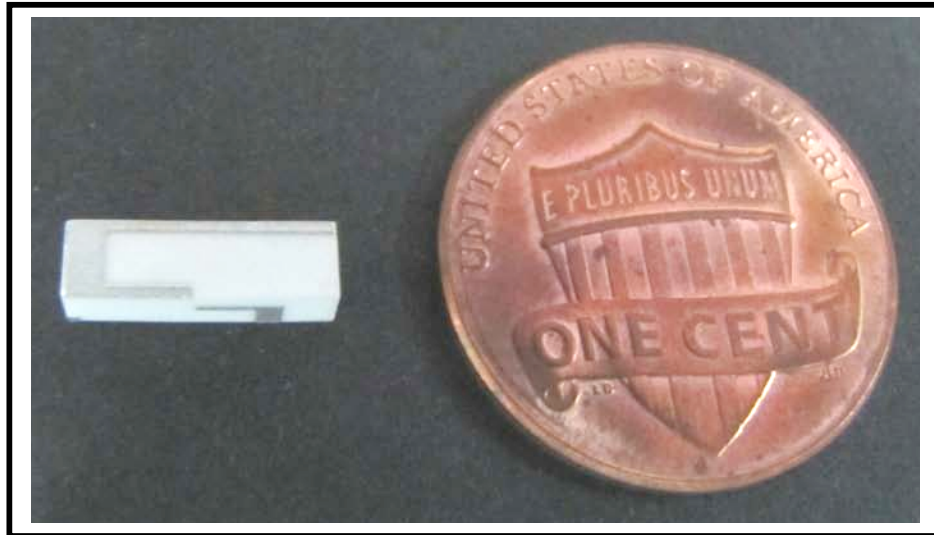




**Picture of the Part**



**Application**

WPANTSMCER100303A is a Multilayer Chip Antenna for Bluetooth, Wi-Fi (802.11 a/b/g), WLAN radio functions in enterprise, hand-held and industrial wireless applications.

WP Wireless can assist your engineers to optimize mounting positions for these antennas in your specific application and can further assist to trouble shoot system integration issues such as TRP/TIS and FCC requirements. WP Wireless specializes in developing customized Antenna solutions. Please contact [sales@wp-wireless.com](mailto:sales@wp-wireless.com) with your specific application requirements.

**Electrical Properties**

Parameter	Antenna Performance	
Operating Frequency	2.4 – 2.485 GHz	5.15 – 5.875 GHz
Recommended Impedance of the customer Radio Module[Ω]	50Ω	50Ω
VSWR – Typical	<2.5:1	<2.5:1
Peak Gain [dBi] (Typical)	3.3 dBi	3.75 dBi
Efficiency [%] (Typical)	60%	65%
Polarization	Linear	Linear
Pattern	Omni-directional	Omni-directional
Accepted Power [W] (Max)	2 Watts	2 Watts



### Mechanical / Environmental Properties

Item	Value
Patch Dimensions	10mm X 3mm X 3mm (L X W X H)
Antenna Color	Cream White with Silver trace
Operating / Storage Temperature	-40°C to +90°C
Environmental	Meets standards for UL 94V-0
Hazardous Materials	RoHS compliant

### Picture of the Antenna

