



Picture of the Part



Application

WPANTSMCER402012A is a Ceramic Chip Antenna for 2.4 GHz 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 with your specific application requirements.

Electrical Properties

Parameter	Antenna Performance
Operating Frequency	2.4 – 2.485 GHz
Recommended Impedance of the customer Radio Module[Ω]	50Ω
VSWR – Typical	<2:1
Peak Gain [dBi] (Typical)	2.9 dBi
Efficiency [%] (Typical)	50%
Polarization	Linear
Pattern	Omni-directional
Accepted Power [W] (Max)	2 Watts



Mechanical / Environmental Properties

Item	Value
Patch Dimensions	4mm X 2mm X 1.2mm (L X W X H)
Antenna Color	Brown 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

