

BLUETOOTH STUB ANTENNA

GENERAL DESCRIPTION

Bluetooth stub antenna with standard SMA (male) interface. Radiator of coil type, covered with flexible plastic.



APPLICATIONS

The antenna is specially designed for Bluetooth applications, for example M2M, various instruments, development work, access points, pan-nodes etc. It also fits other wireless applications within the frequency range.

PROJECT LEAD-TIME & COSTS

Total lead-time
Tuning /change lead-time
Development cost
Industrialization cost
Unit Price

TYPICAL PERFORMANCE

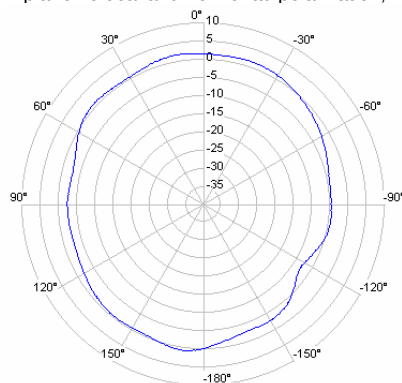
Frequency range	2400-2484 MHz
Max gain*	0 dBd (E-plane)
VSWR*	<2.0:1
Polarization	Linear
Azimuth beam width	Omni directional
Power handling	<5 W cw
Impedance	50 ohm unbalanced
Size	Ø7 x 16.5 mm, Height 28 mm
Weight	3.5 g
Mounting	Standard SMA female connector directly on the PCB.

*Figures dependant on ground-plane size

TYPICAL RADIATION PATTERN

Antenna gain, dBi in free space

H-plane vertical and horizontal polarization, 2400 MHz



E-plane vertical and horizontal polarization, 2400 MHz

