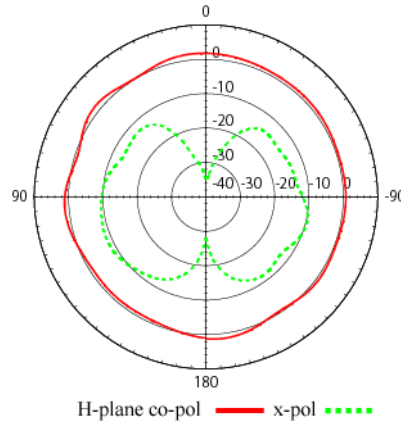


Antenna Information

Antenna Strength

The following diagram demonstrates the strength of the signal received by the antenna on both a horizontal and vertical plane. The diagram shows the magnetic field when the antenna is in a vertical position. The red line represents the horizontal plane and the dotted green line represents the vertical plane. You can see in the illustration that at 90degrees, the signal strength is (as expected) 0.

Radiation Patterns



Antenna Details

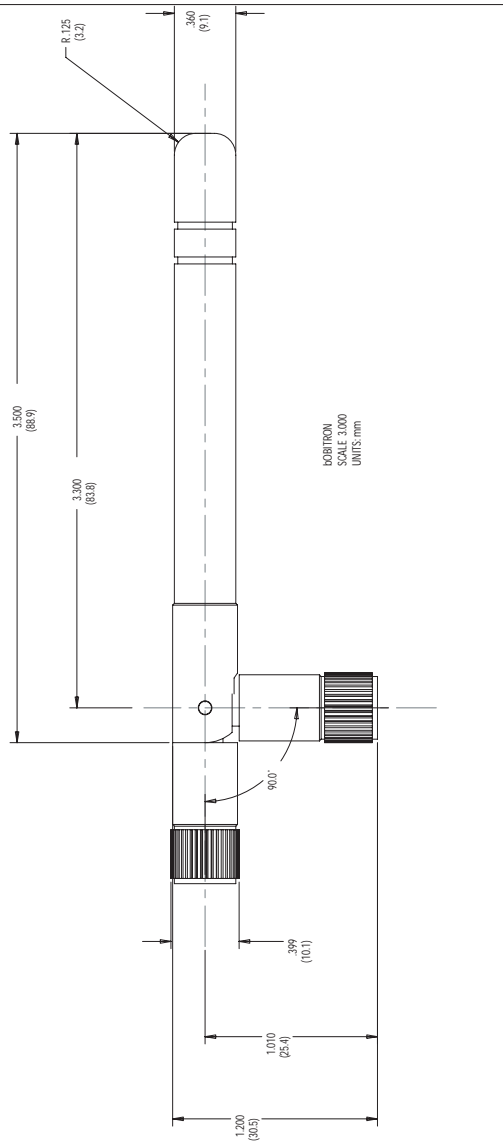
Antenna Description	Dipole	Desktop
Part Number	DC-ANT-24DP	DC-ANT-24DT
Frequency	2.4~2.5 GHz	2.4~2.5 GHz
Power Output	2 W	1 W
DB Gain	2 dBi	1.8 dBi

Antenna Description	Dipole	Desktop
VSWR	< or = 2.0	1.92 max
Dimension	10.0x108.5 mm	105 x4.5 mm
Weight	10.5g	11 g
Connector	RP-SMA	RP-SMA

Antenna Restriction in North America

Only antennae of the same type listed on the FCC grant, with equal or lower antenna gain, may be used with the Digi Connect Wi-SP.

Dipole Antenna Dimensions



RF Exposure Statement

The Digi Connect Wi-SP device complies with the RF exposure limits for humans as called out in RSS-102. It is exempt from RF evaluation based on its operating frequency of 2400 MHz, and effective radiated power of less than (<) 400 milliwatts. This would be less than the 3 watt requirement for a mobile device (>20 cm separation) operating at 2400 MHz.

In order to comply with FCC RF exposure limits, dipole antenna should be located at a minimum distance of 7.9 inches (20 cm) or more from the body of all persons.