

2GIG-FT100-345 Antenna Spec.

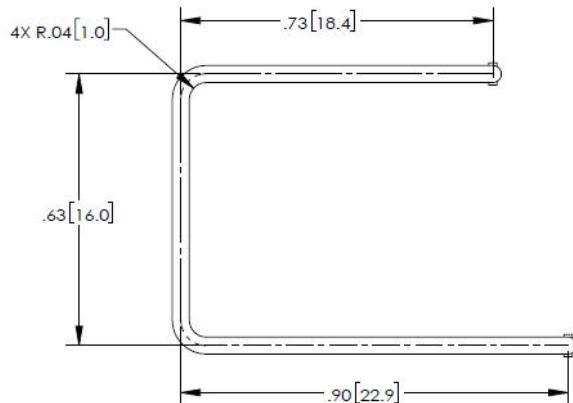
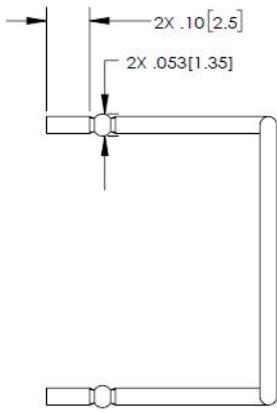
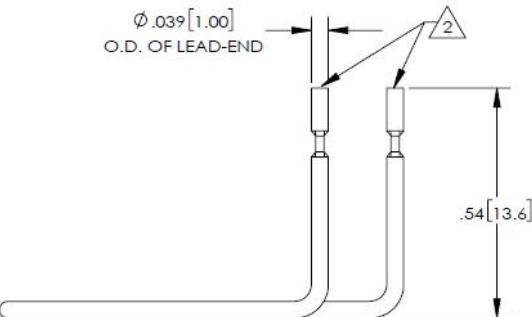
1. Mechanical Specification:

1-1. Mechanical Configuration

The appearance of the antenna is according to drawing, it is a metal small loop antenna.

AND IDENTIFY WITH PART
ON LETTER.

S COMPLIANT.



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. MATERIAL: COPPER CLAD STEEL WIRE, DIAMETER: .039 [1.00]
(.002 [.05] COPPER COATED IN THE OUTSIDE.)

 2. CONTROL THE BURR LENGTH TO .003 [.08] MAX.

3. REMOVE ALL BURRS AND SHARP EDGES.
4. BAG AND TAG PARTS AND IDENTIFY WITH PART NUMBER AND REVISION LETTER.
5. PART SHOULD BE RoHS COMPLIANT.

UNLESS OTHERWISE NOTED ALL DIMENSIONS ARE INCHES [MM]:

TOLERANCES:	
DECIMALS	ANGLES: $\pm 0.5^\circ$
.XX±.01 [.3]	ROUNDNESS: $\pm .005$ [.13]
.XXX±.005 [.13]	FLATNESS: $\pm .005$ [.13]
	CONCENTRICITY: $\pm .005$ [.13]

Manufacturer: Linear

Manufacturer Address: 18/F Tower 2, Foresea Life Center, Banan District, Shenzhen, P.R.C.

2. Electrical Specification:

2-1. Frequency:

Nice

Frequency : 345MHz

2-2. Impedance

50 ohm nominal.

2-3. VSWR

2-3-1. Measurement frequency points and VSWR value

Frequency Band (MHz)	345
2-3-3. Typical Value:	1.2
2-3-4 Measuring Method	1. A 50Ω coaxial cable is connected to the antenna. Then this cable is connected to a network analyzer to measure the VSWR. 2. Keeping away the antenna from metal at least 20 cm
	
2-3-5 Picture	

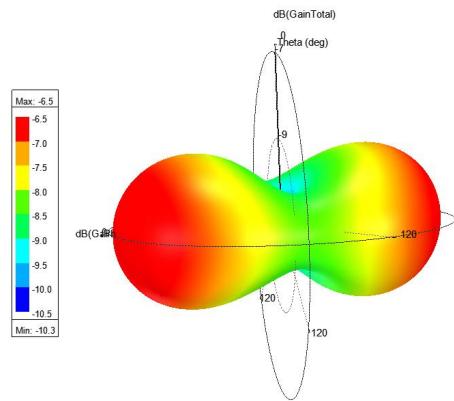
2-4. Efficiency and Gain

2-4-1 Efficiency and Gain

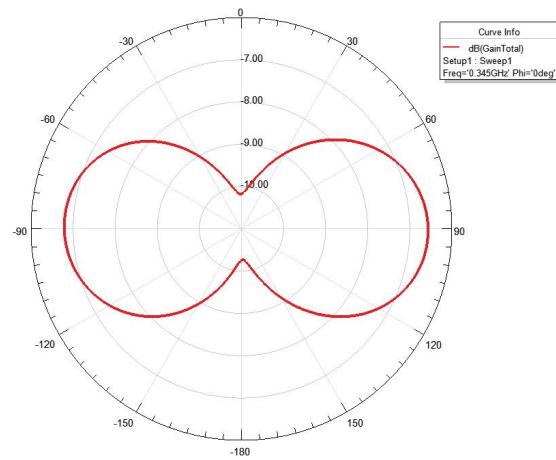
Freq (MHz)	Gain (dBi)
345	-6.5

345. 000MHz 3D

Nice



345. 000MHz E



345. 000MHz H

