

433MHZ FPC Antenna Specification

(Model NO.: RY-433-PCB01X)



(I) Product Overview

Frequency (MHz): 433

VSWR \leq 2

Gain (dBi): 6

Max Input power (W): 50

Input Impedance (Ω): 50

Polarization: vertical

Antenna Size (mm): 27 \times 17 \times 0.2

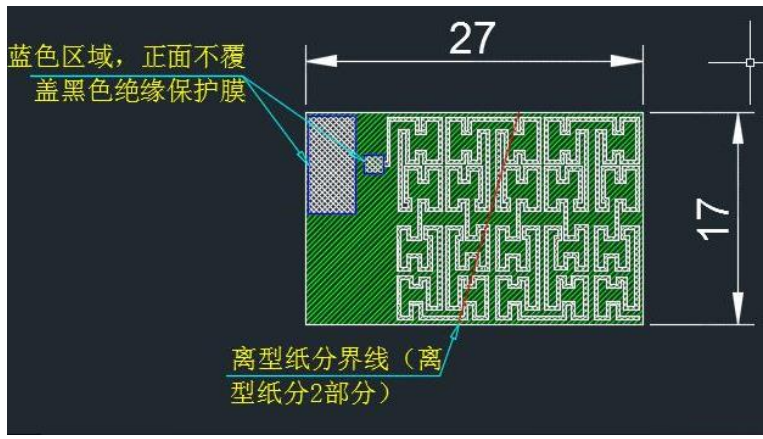
Cable:1.13mm RF micro cable

Connector: UFL/SMA male

Mounting:Adhesive

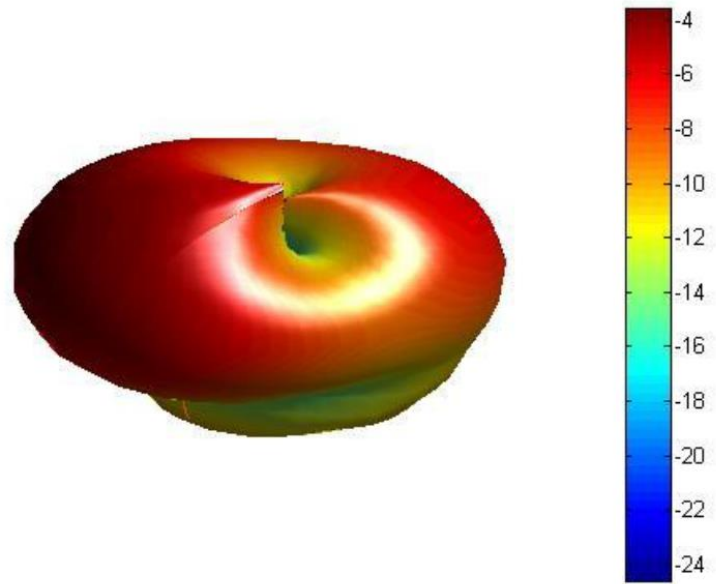
Storage Temperature: -40 $^{\circ}$ C to+85 $^{\circ}$ C

Operating Temperature: -40 $^{\circ}$ C to+85 $^{\circ}$ C

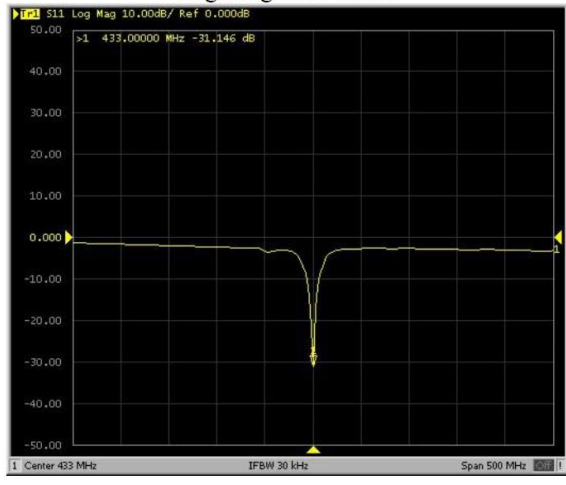


- Tested on 22cm x 22cm ground plane with 15cm cable length

3D radiation pattern on Tetra
 Freq = 0.4300GHz Az= 45 EL= 45



Log Mag at 430MHz



VSWR

