

# 433Mhz Antenna

**MODEL: TH-433C**



## 1.. GENERAL DESCRIPTION

Model No	P/N
TH-433C	TH433C-SMA(M)

Below is a table summarizing the antenna design specification.

### 1.1 Electrical Properties

Parameter	Description
Frequency Band	433MHz
Nominal Impedance	50 ohm
Polarization	Vertical
Electrical Wave	1 / 4 $\lambda$
Admitted Power radiation	1W
V.S.W.R	2.0:1 Max
Antenna Average Gain	0 dB
Note: Gain includes the cable loss	

### 1.2 Mechanical Properties

Parameter	Description
Antenna Type	External Antenna
Material	TPU

Touch Type	Screw Type
Connector Type	SMA (Male)
Antenna Dimensions	OD12.4 x 50.4mm±0.5
Antenna Color	Black
Operating Temperature Range	-30°C~+70°C
Storage Temperature Range	-35°C~+80°C





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ACTIVATE MARKER

CH1 RFL SWR MKR 1: 433MHz  
REF 1.000 1.000 / 1.318

**MARKER 1**  
433MHz  
1.318

START 350MHz [ 0.00 dBm] STOP 500MHz

MARKER 1

MARKER 2

MARKER 3

MARKER 4

MARKER 5

ACTIVATE MKR OFF

Return

More 1/2

CH1 MARKER LIST

1:	433.000MHz	1.318
2:		
3:		
4:		
5:		
6:		
7:		
8:		
9:		
10:		

