

2.4GHz Wire type Antenna: ANS2806B2400Z101

Applications:

ISM band, Telemeter, keyless entry system...

Features

high reliability, ultra Impact, Omni-directional...

Part number

ANS 2806 B 2400 Z1 01

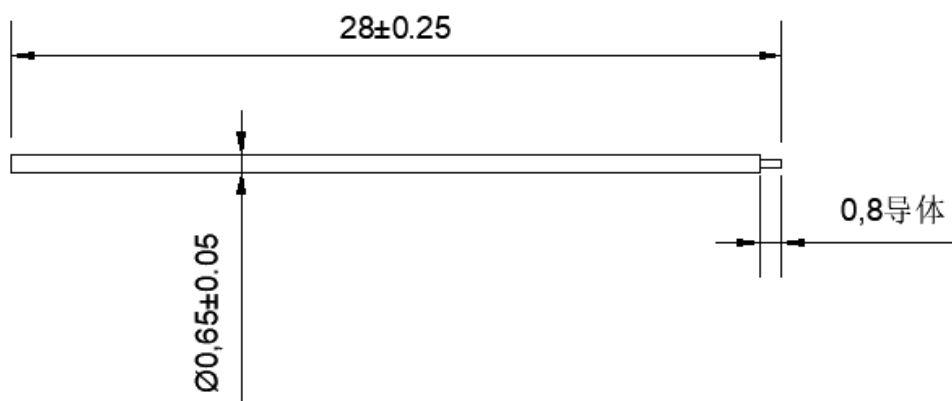
(1) (2) (3) (4) (5) (6)

(1) Product Code	Stick Antenna
(2) Size code	28*0.65mm
(3) Packing	In bulk
(4) Frequency	2.4GHz
(5) Series	Z1
(6) Type	01

Electrical Specification

Working Frequency Range	2400~2500 MHz
Peak Gain	1.1dBi (Typ.)
Impedance	50 Ohm
VSWR	2.0 Max
Polarization	Linear
Azimuth Beam width	Omni-directional
Operation Temperature(°C)	-30~70 °C

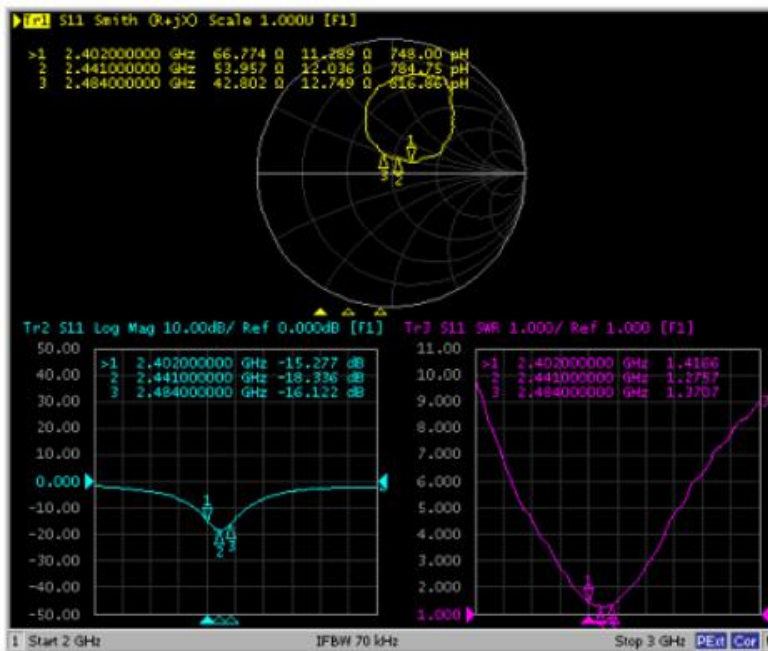
Dimension and Terminal Configuration



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Electrical Characteristics

Return Loss& Smith Chart



Item	Value		
	2402(MHz)	2441(MHz)	2480(MHz)
Smith(Ω)	66.77	53.95	42.80
Return loss(dB)	-15.27	-18.33	-16.12
VSWR	1.41	1.27	1.37

Frequency (MHz)	Efficiency (%)	Mean gain (dbi)	Peak Gain (dBi)
2400	31.96	-4.95	1.07
2410	31.25	-5.05	0.95
2420	31.93	-4.96	1.01
2430	32.36	-4.9	1
2440	32.33	-4.9	0.97
2450	33.32	-4.77	1.1
2460	33.34	-4.77	1.06
2470	32.96	-4.82	1.04
2480	31.86	-4.97	0.89

Revision History

Version	Date	Description
Ver.01	Oct.2024	New issue.