



Antenna datasheet

FSK

433MHz Whip Antenna

(P/N: WE-433O-10)

Specifications

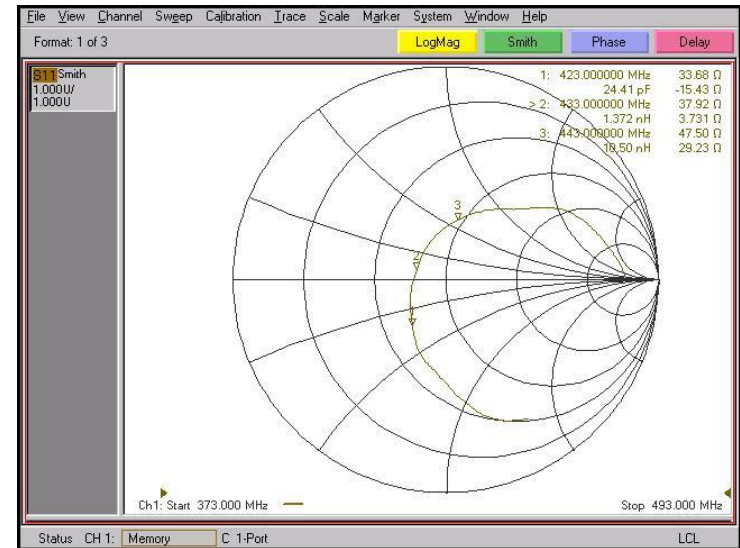
Frequency Range (MHz)	423 ~ 443
Band Width (MHz)	20
V.S.W.R (Min)	1.81 : 1
Gain (Max)	0.867 (dBi)
Radiation	Omni-directional
Max Power	10 W
Input Impedance	50 (Ω)
Polarization	Linear, Vertical
Connector	BNC Male
Dimensions	160 x 15 mm

April 25, 2024

Photo



Smith Chart



Return Loss



V. S. W. R

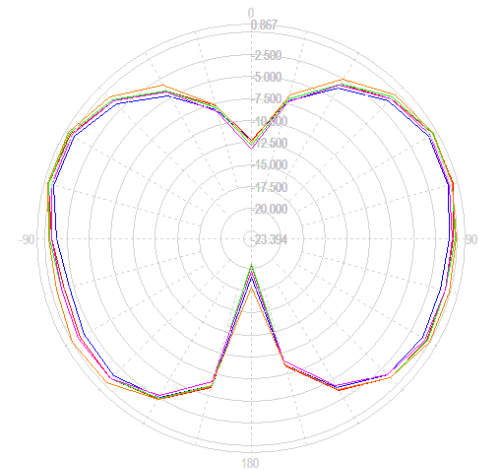


Capture

[illegible]

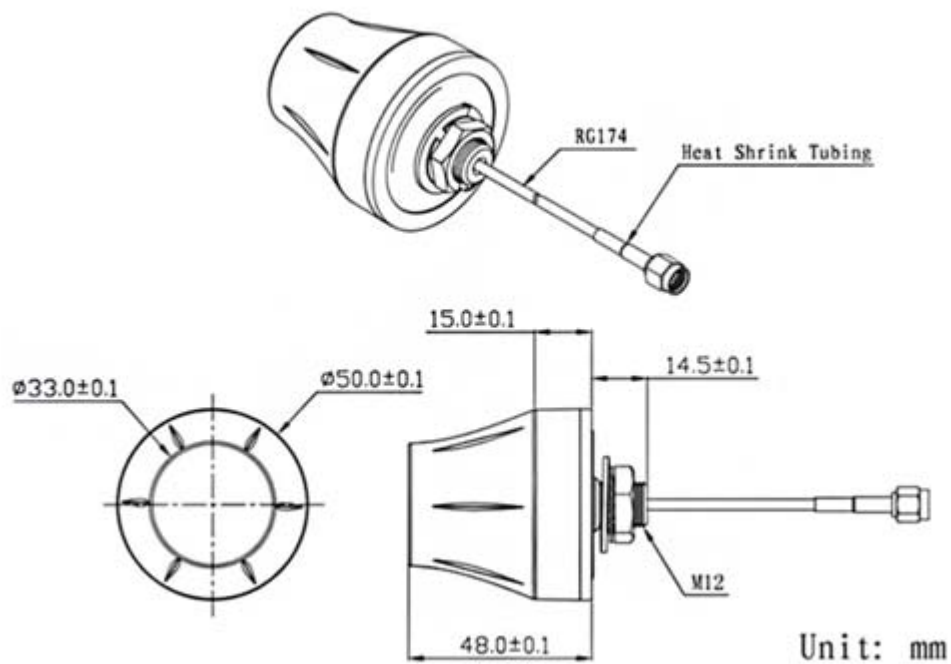
H/E1/E2 Plane

- E2 Plane Polar/Line Chart -



Bluetooth

Description:



SPECIFICATIONS

Item		Specifications
WiFi Antenna	Frequency Range	2400~2483.5MHz
	Band Width	83.5MHz
	Polarization	Linear
	Gain	0 dBi
	V.S.W.R	< 2.0
	Impedance	50Ω
Mechanical	Cable	RG174
	Connector	CRC9 male right angle
	Material	ABS
	Mounting Method	Screw
Environmental	Operating Temperature	-40℃~+85℃
	Relative Humidity	Up to 95%
	Ingress Protection	IP67 (exclude cable outlet)
	Vibration	10 to 55Hz with 1.5mm amplitude 2hours

Radiation Pattern

WIFI Antenna

