

## 2JD0510-C728N

### TETRA/UHF Connector Mount Antenna

#### Key Features

##### TETRA/UHF Antenna

- 380-470 MHz

Connector Mount

Ground Plane Independent

Dipole Antenna

Narrowband Antenna

Tunable to Desired Center Frequency

Dimensions  $\varnothing$  13.6 × 380 mm



## 1. Antenna and electrical specifications

Parameters	TETRA/UHF Antenna
<b>Standards</b>	TETRA/UHF
<b>Band (MHz)</b>	390, 420, 460
<b>Frequency (MHz)</b>	380-470
<b>Return Loss (dB)</b>	~-7.7
<b>VSWR</b>	~4.1:1
<b>Efficiency (%)</b>	~59.3
<b>Peak Gain (dBi)</b>	~0.8
<b>Average Gain (dB)</b>	~-2.4
<b>Impedance (Ohm)</b>	50
<b>Polarisation</b>	Linear
<b>Radiation Pattern</b>	Omni-Directional
<b>Max. Input Power (W)</b>	25
<b>Connector Type</b>	SMA-Male Standard

### Antenna Measurement Conditions:

Free Space

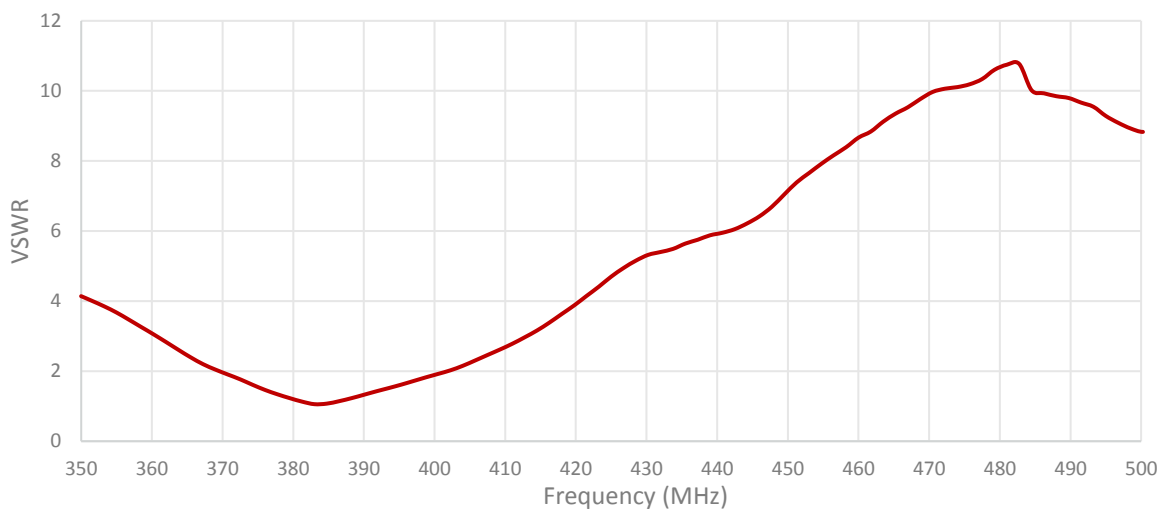
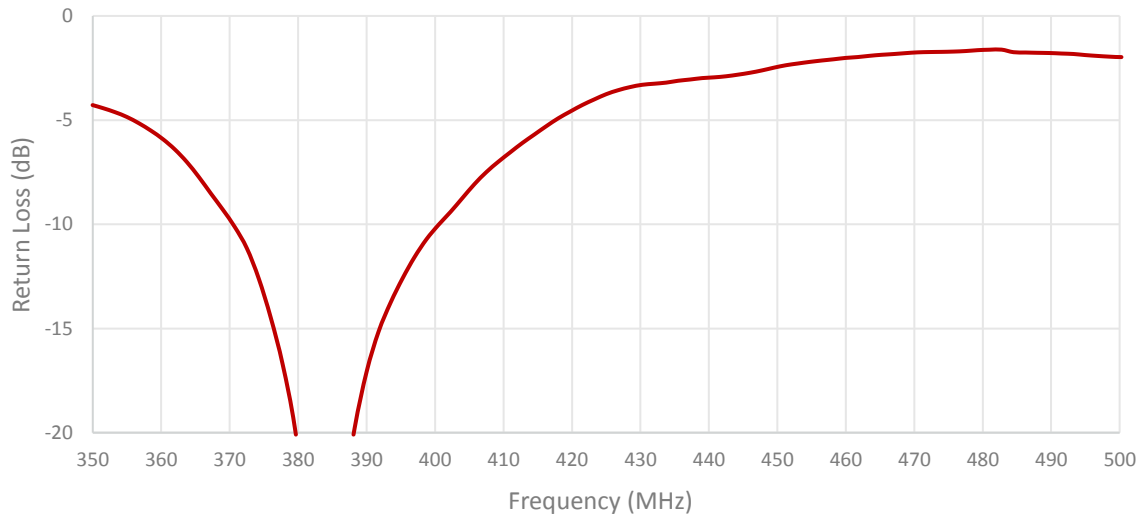
200cm of RG174 Cable

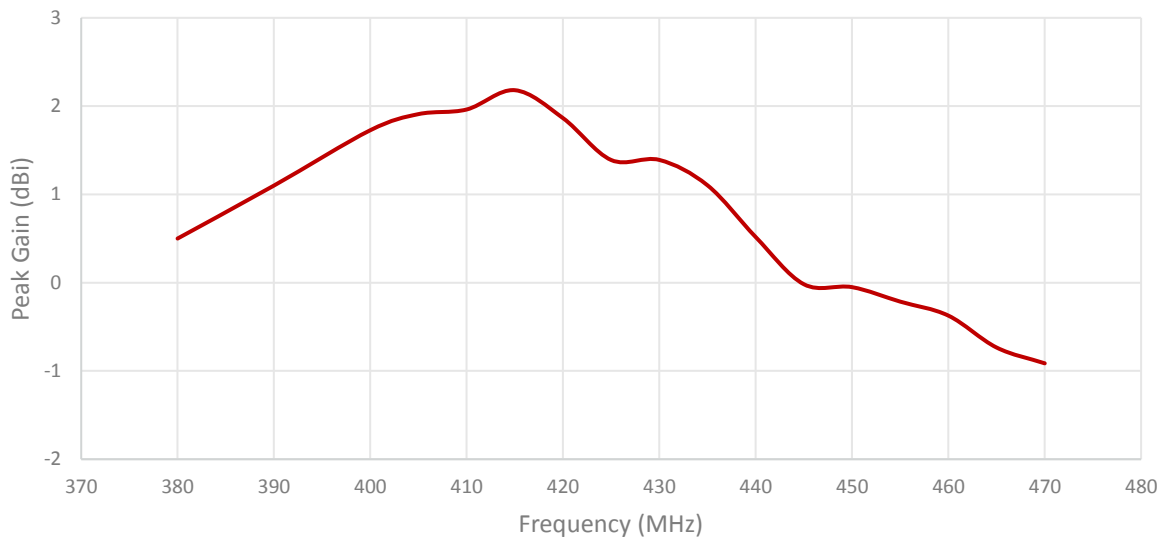
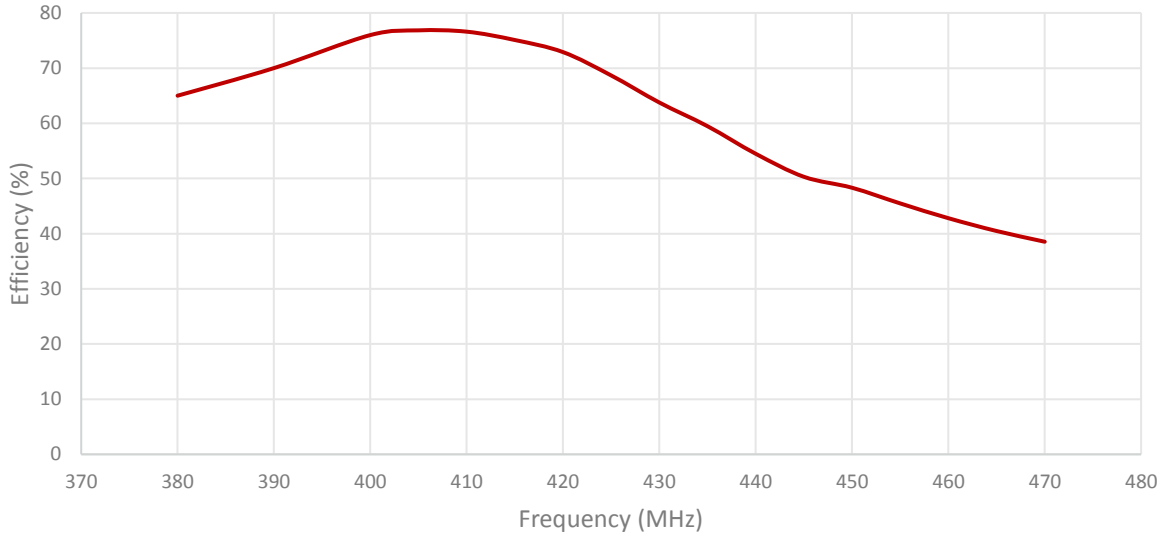
Measured in Certified CTIA 3D Anechoic Chamber

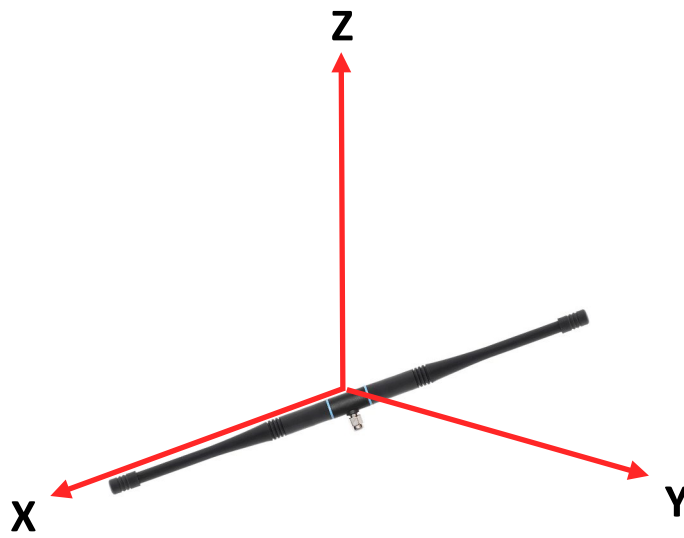
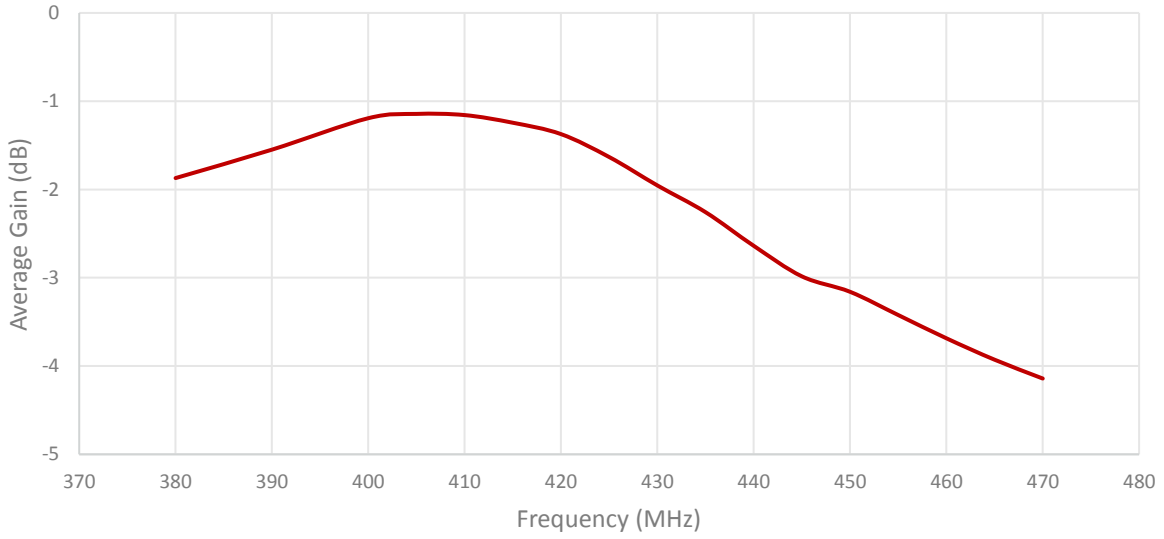
## 2. Mechanical and environmental specifications

Specifications	2JD0510-C728N
<b>Mounting Type</b>	Connector Mount
<b>Dimensions (mm)</b>	Ø 13.6 × 380
<b>Radome</b>	TPE
<b>Radome color</b>	Black
<b>Operating Temperature (C)</b>	-40 to +85
<b>Storage Temperature (C)</b>	-40 to +85
<b>Substance Compliance</b>	RoHS

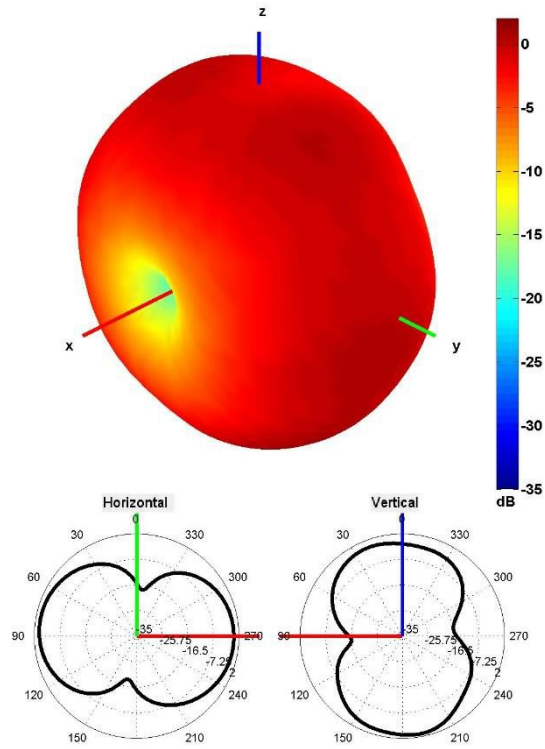
### 3. Antenna parameters





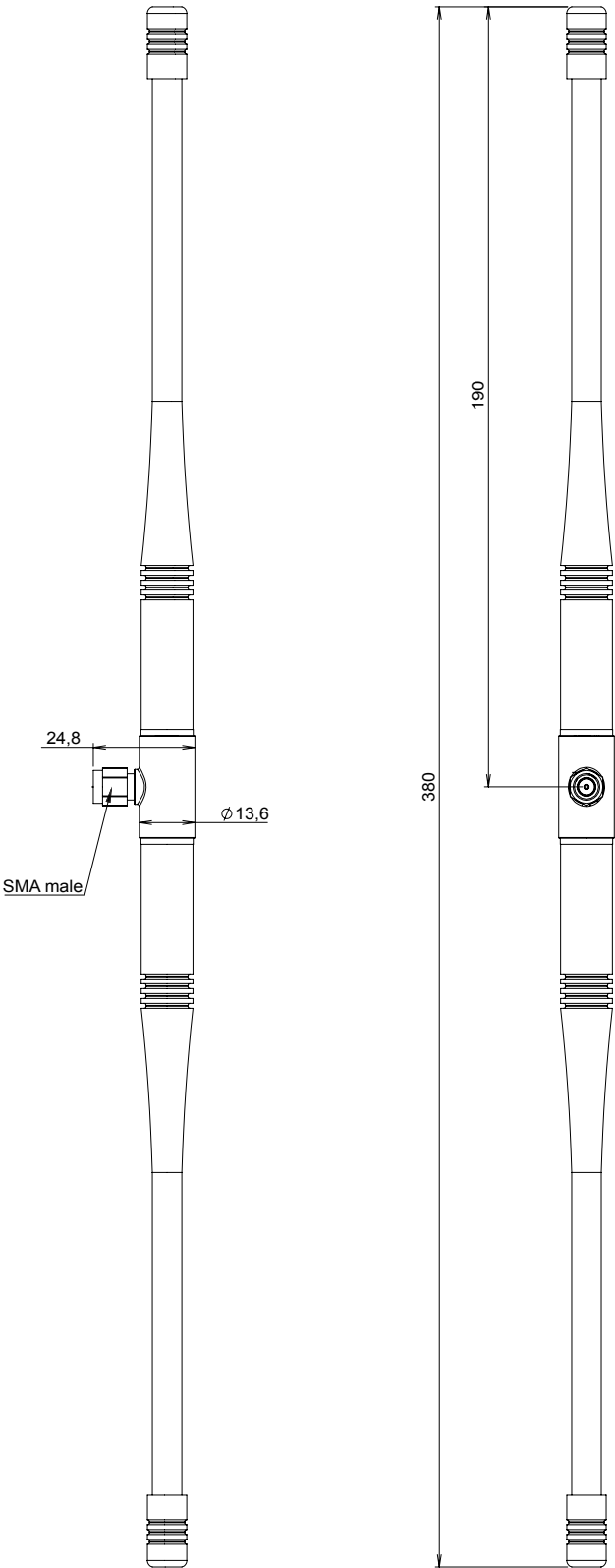


Radiation pattern reference



420 MHz Radiation pattern

4. Antenna drawings



## 5. Antenna Images

