

DATASHEET

Type	Tetra Antenna
Frequencies	TETRA(380-500 MHz)
Mounting	whip mount
Part No.	2J0710
Revision	00

Application

Handheld radios or PMR
Embedded

Features

Mating threads





Contents

1. SPECIFICATIONS	2
1.1. Electrical specifications	2
1.2. Connection specifications	2
1.3. Mechanical specifications and dimensions	2
2. MEASUREMENT	3
2.1. SET for measurement	3
2.2. Electrical characteristics	4
2.3. 3D Radiation pattern	5
3. MOUNTING.....	5
4. PACKING.....	6
4.1. Description of bag.....	6
4.2. Description of packing bag	6
5. IMAGES	6

1. SPECIFICATIONS

1.1. Electrical specifications

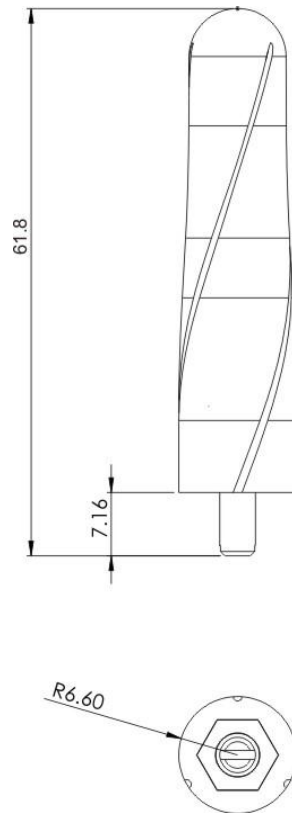
	2J0710
Frequency	TETRA (380 - 500 MHz)
Gain	2 dBi Max
VSWR	<1.5:1 at center / <2:1 420-450 MHz / <4:1 395-485 MHz
Impedance	50 Ohms
Polarization	Vertical
Power handling	25 W

1.2. Connection specifications

Connection: via mating threads M6-M6 / M6-M5 / M6-M4

1.3. Mechanical specifications and dimensions

Material: TPE
Dimensions: 13.5 mm x 62 mm (D x L)
Weight: 84 g antenna + 80 g threads = 164 g together
Color: Black (for different colours please ask our sales team)

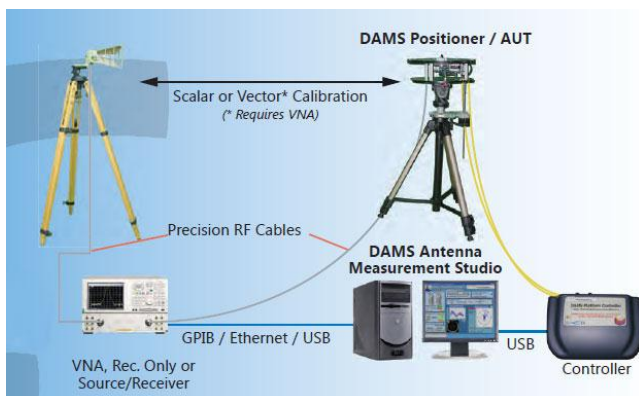


2. MEASUREMENT

2.1. SET for measurement

Connection:	Antenna connected straight to DAMS platform
Temperature:	25 °C
Center frequency:	433 MHz
Span:	500 MHz
Output power:	10 dBm
Format type:	LOG Mag

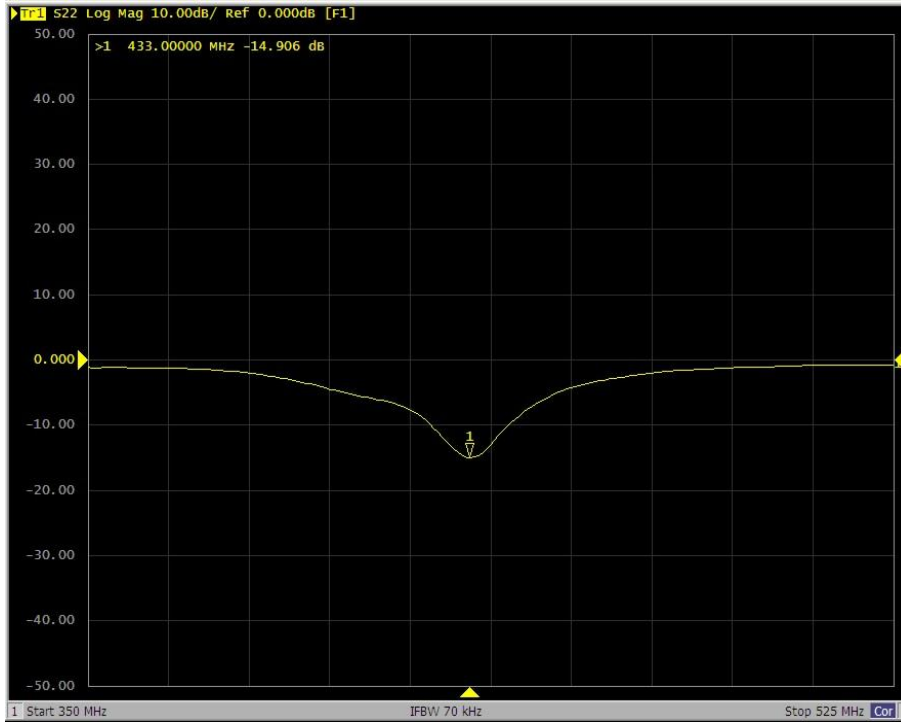
DAMS positioner with AUT and reference antenna are placed in anechoic chamber



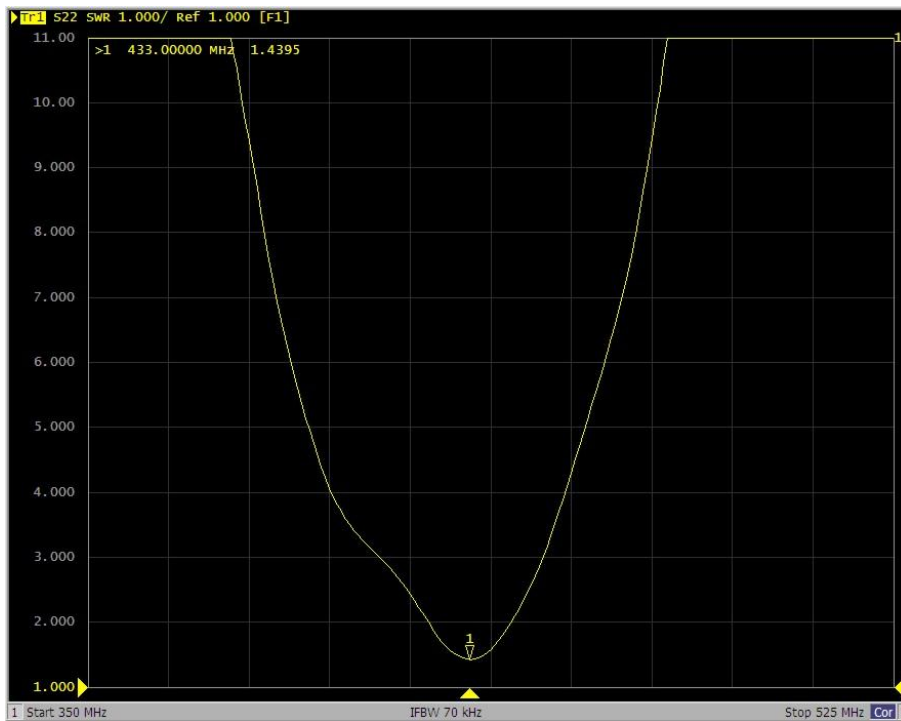


2.2. Electrical characteristics

Log Mag:

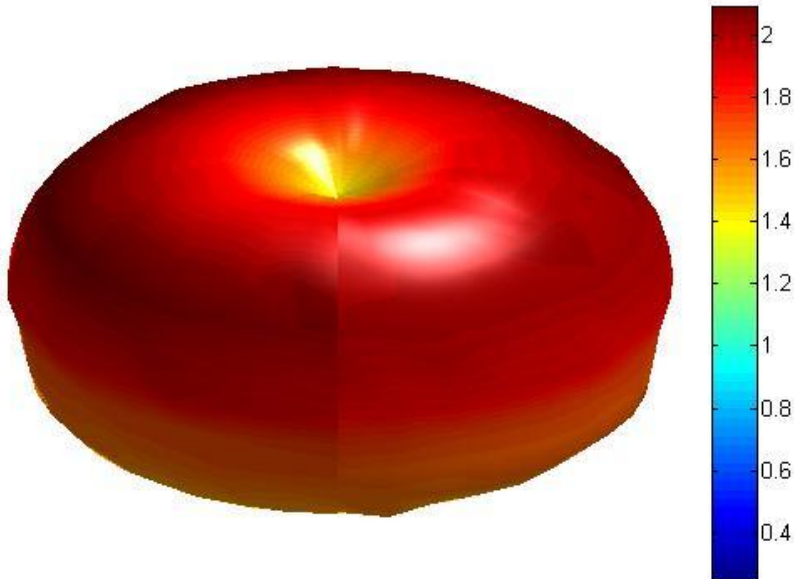


VSWR:



2.3.3D Radiation pattern

Freq = 0.4333GHz Az= 0 EL= 45



3. MOUNTING

- Easy by mating threads (M6-M6 / M6-M5 / M6-M4)



- For different threads ask our sales team

4. PACKING

4.1. Description of bag

Polly bag: 100mm x 150mm – 0.1mm

4.2. Description of packing bag

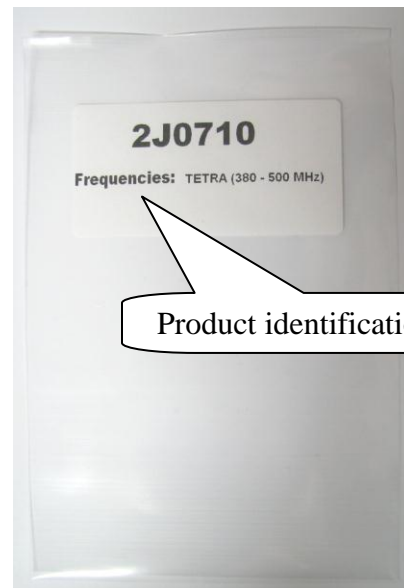
Antenna



Threads



Bag



5. IMAGES

