

# 2J545

## (DATASHEET)

<b>Type</b>	Tetra antenna
<b>Frequencies</b>	TETRA (380 - 500 MHz)
<b>Mounting</b>	Glass Mount
<b>Revision</b>	00



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# 1. SPECIFICATION

## 1.1. Electrical Specifications

Frequencies	TETRA (380 - 500 MHz)
Impedance	50 Ohms
Polarization	Linear
Gain	3dBi
VSWR	<2:1
Power handling	35W
Operating temperature	-40°C to +80°C

## 1.2. Connection Specifications

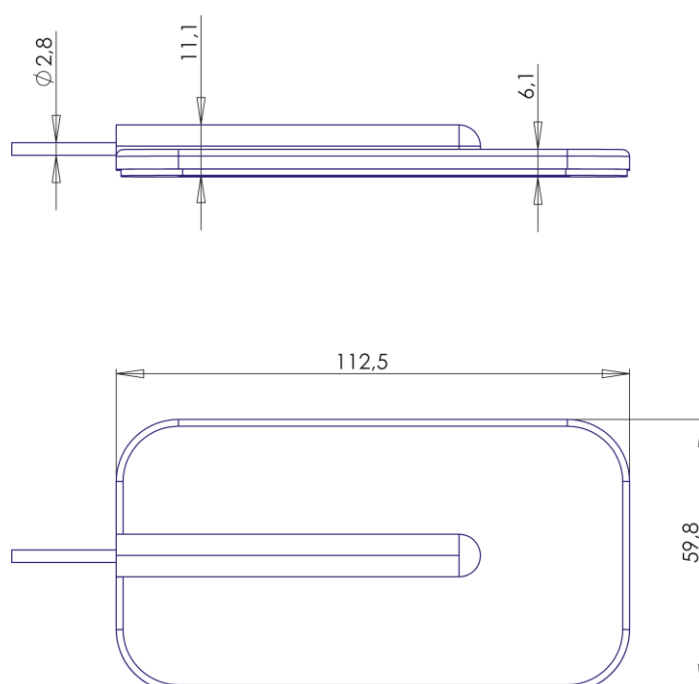
Connector type: SMA  
 Cable: RG58  
 Cable length: 30 cm

For different cable length and connector type ask our sales team.

## 1.3. Mechanical Specifications and Dimensions

### 1.3.1. Glass Mount

Material: ABS  
 Max. dimensions: 11.1mm x 112.5mm x 59.8mm (H x L x W)  
 Weight: 45 g 'weight counted with cable above'  
 Colour: Black (for different colours please ask our sales team)



## 2. MEASUREMENT

Freq = 0.4330GHz Az= 45 EL= 45

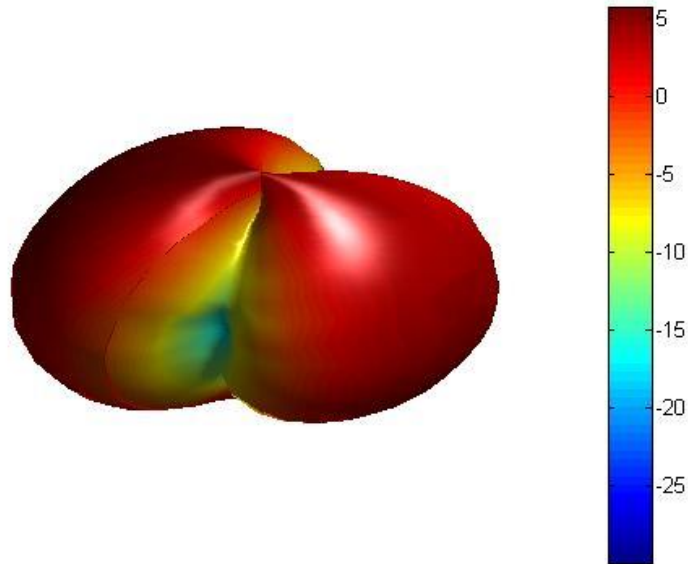


Figure 1 - antenna gain at 433MHz tested with 30cm cable length

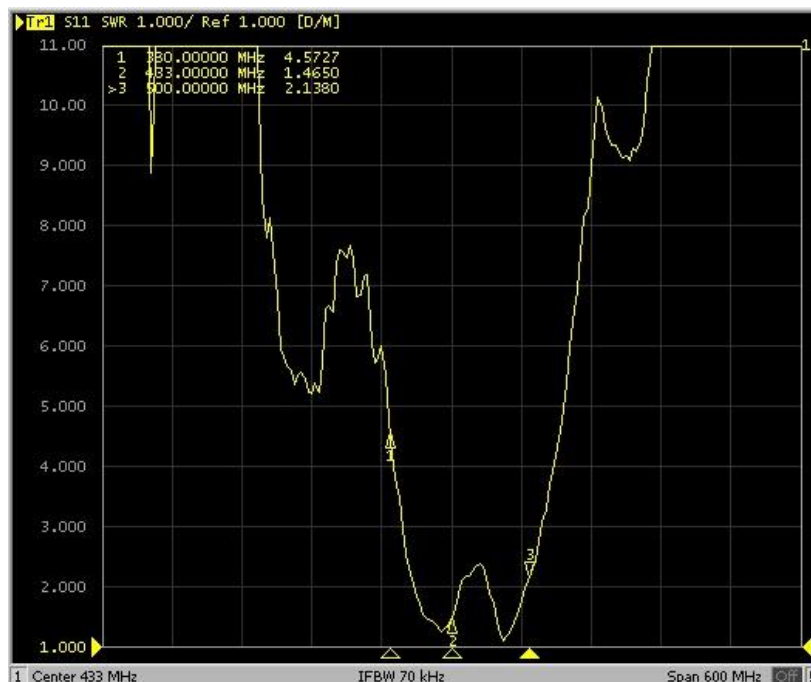


Figure 2 - VSWR tested with 30cm cable length