

# 2J1004

## (DATSHEET)

**Type**  
**Frequencies**

Multiband antenna  
AMPS (824-894 MHz)  
ISM (868 MHz)  
GSM (900 MHz)  
DCS (1800 MHz)  
PCS (1900 MHz)  
3G (UMTS 2.1 GHz)  
WIFI / BLUETOOTH (2.4 GHz)

**Mounting**

Any Surface  
Body Mount

**Revision**

00



P. Tipul



D. Noble

## 1. SPECIFICATION

### 1.1. Electrical Specifications

Frequencies	AMPS (824-894 MHz) ISM (868 MHz) GSM (900 MHz) DCS (1800 MHz) PCS (1900 MHz) 3G (UMTS 2.1 GHz) WIFI / BLUETOOTH (2.4 GHz)
Impedance	50 Ohms
Polarization	VERTICAL
Gain	2.2 dBi Max
Power handling	25W
Operating temperature	-40°C to +85°C

### 1.2. Connection Specifications

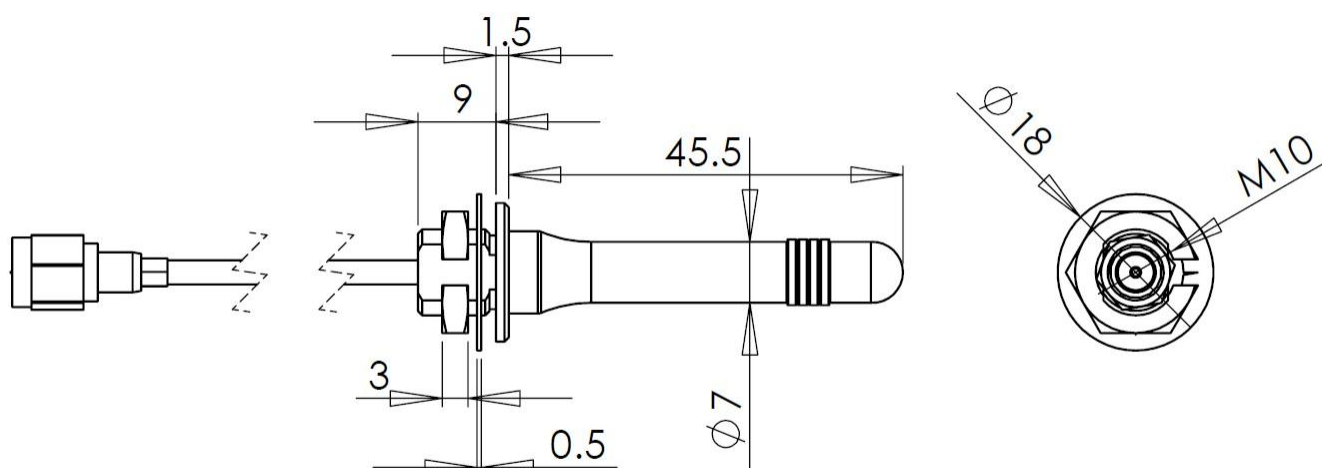
Connector type: SMA male  
Cable: RG174U  
Min. cable length: 30 cm

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

### 1.3. Mechanical Specifications and Dimensions

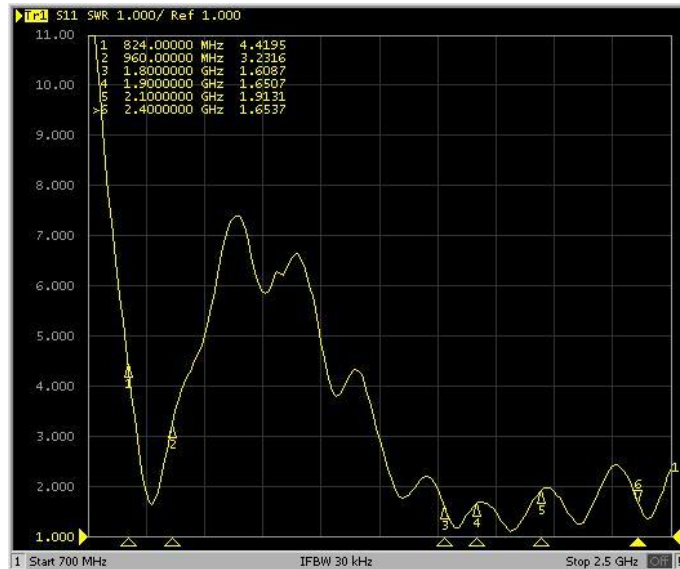
#### 1.3.1. Body Mount

Material: Lid: ABS / Base: Brass  
Max. dimensions: 16mm x 56mm (D x H)  
Weight: 21.2 g 'weight counted with connection above'  
Colour: Black (for different colours please ask our sales team)



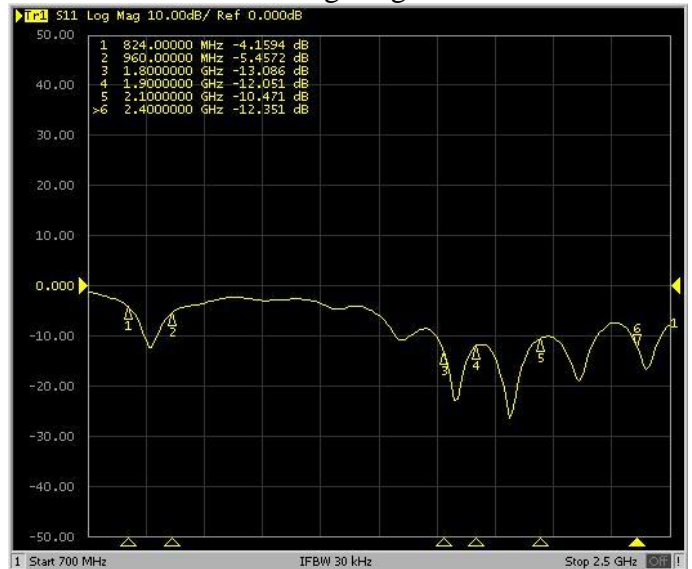
## 2. MEASUREMENT

VSWR



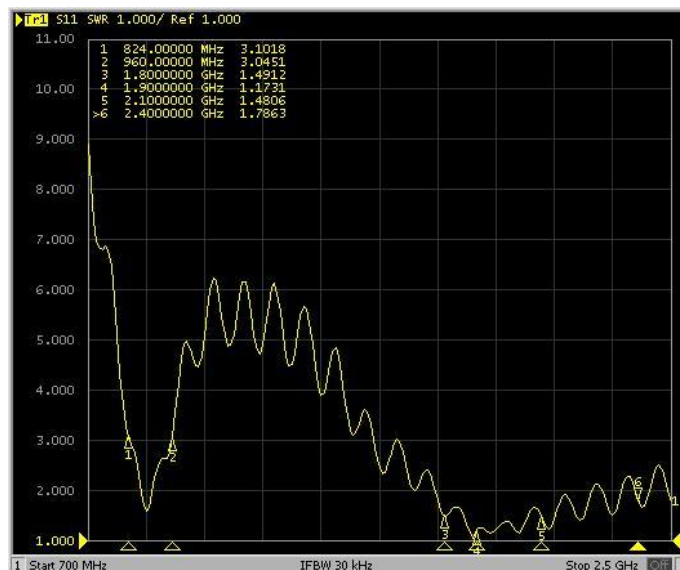
Tested with 30cm cable length - RG174 with SMA male on groundplane 20 x 20 cm.

Log Mag



Tested with 30cm cable length - RG174 with SMA male on groundplane 20 x 20 cm.

VSWR



Tested with 1m cable length - RG174 with SMA male on groundplane 60 x 60 cm.

Log Mag



Tested with 1m cable length - RG174 with SMA male on groundplane 60 x 60 cm.