

2J7501M

2J7501B

(DATASHEET)

Type	GNSS antenna
Frequencies	GPS/GLONASS (1572-1610 MHz)
Mounting	2J7501M - Magnetic Mount 2J7501B - Body Mount
Revision	00




P. Tipul

1. PRODUCT SELECTOR

2J7501M - Magnetic version
 2J7501B - Body mount version

2. SPECIFICATION

2.1. Electrical Specifications

Frequencies	GPS/GLONASS (1572-1610 MHz)
Impedance	50 Ohms
Noise figure	1.15 nominal
Polarization	RHCP
LNA Gain	26dB (3V) / 27dB (5V)
VSWR	<1.5:1
Voltage supply	2.7V - 5.5V
Current	15mA - 25mA
Power (max.)	138mW
Operating temperature	-40°C to +85°C

2.2. Connection Specifications

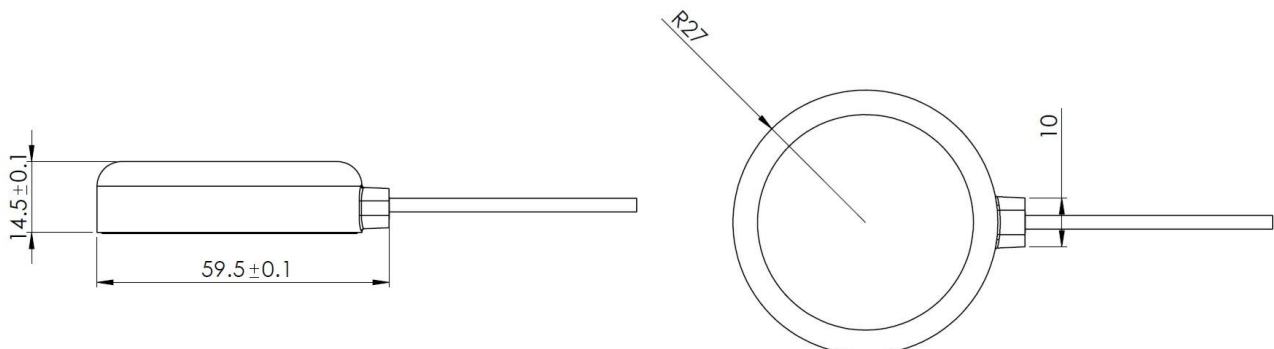
Connector type: SMA male
 Cable: RG174U
 Cable length: 30 cm

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

2.3. Mechanical Specifications and Dimensions

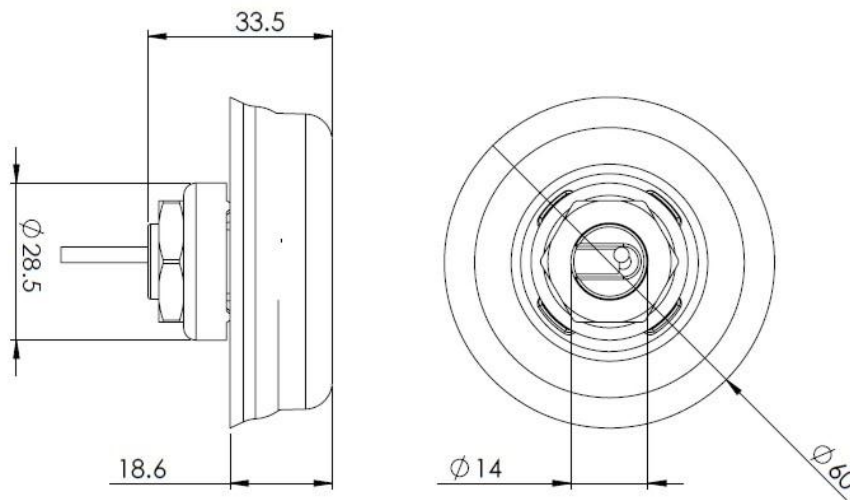
2.3.1. Magnetic Mount (2J7501M)

Material: Lid: ABS / Base: Zamak
 Max. dimensions: 54.5mm x 14.6mm (D x H)
 Weight: 72 g 'weight counted with connection above'
 Colour: Black (for different colours please ask our sales team)



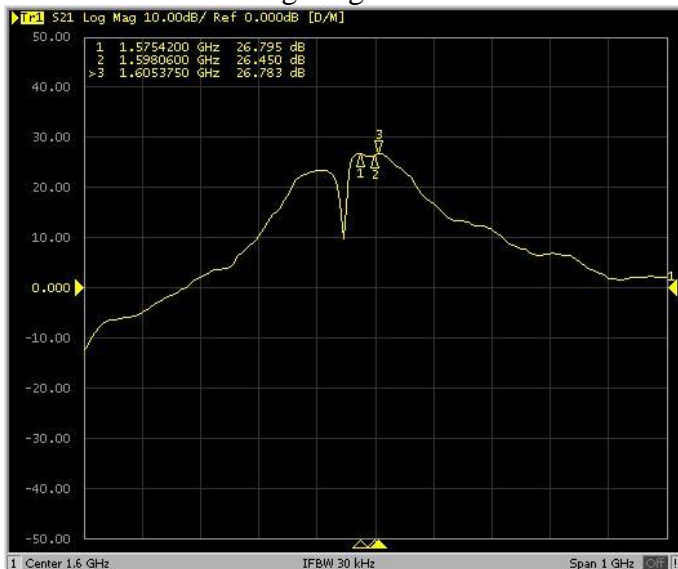
1.1.1. Body Mount (2J7501B)

Material: Lid: ABS / Base: Zamak
 Max. dimensions: 60mm x 33.5mm (D x H)
 Weight: 72 g ‘weight counted with connection above’
 Colour: Black (for different colours please ask our sales team)



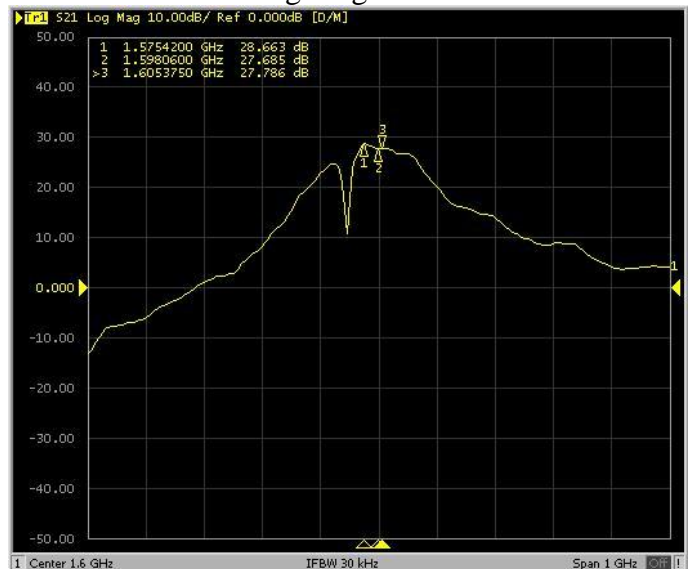
2. MEASUREMENT

Log Mag at 3V



Tested with 30cm cable length.

Log Mag at 5V



Tested with 30cm cable length.