

2J9A41B

(DATASHEET)

Type	Multiband antenna
Frequencies	4G/LTE (699-960/1710-2690 MHz) AMPS (850 MHz) GSM (900 MHz) DCS (1800 MHz) PCS (1900 MHz) 3G (UMTS 2.1 GHz) WIFI / BLUETOOTH (2.4 GHz) GPS (1575.42 MHz) GLONASS (1592 - 1610 MHz)
Mounting	Body Mount
Revision	00



D. Noble



1. SPECIFICATION

1.1. Electrical Specifications

LTE (Cable 1)

Frequencies	4G/LTE (699-960/1710-2690 MHz) AMPS (850 MHz) GSM (900 MHz) DCS (1800 MHz) PCS (1900 MHz) 3G (UMTS 2.1 GHz) WIFI / BLUETOOTH (2.4 GHz)
Impedance	50 Ohms
Polarization	Linear
Gain	2dBi Max.
VSWR	<3:1
Power handling	25W
Operating temperature	-40°C to +85°C

Navigation (Cable 2)

Frequencies	GPS (1575.42 MHz) GLONASS (1592 - 1610 MHz)
Impedance	50 Ohms
Noise figure	2.5dB
Patch gain	2-3 dBiC
Patch size	18 x 18 x 4 mm
Polarization	RHCP
LNA Gain	23dB at 3V / 24dB at 5V
VSWR	<1.5:1
Voltage supply	2.7V - 5.5V
Current	15mA - 25mA
Power (max.)	138mW

1.2. General Specifications

Certificates	IP67
Operating temperature	-40°C to +85°C

1.3. Connection Specifications

Cable 1 (LTE)

Connector type: SMA male, nickel
Cable: RG174U
Cable length: 250 cm

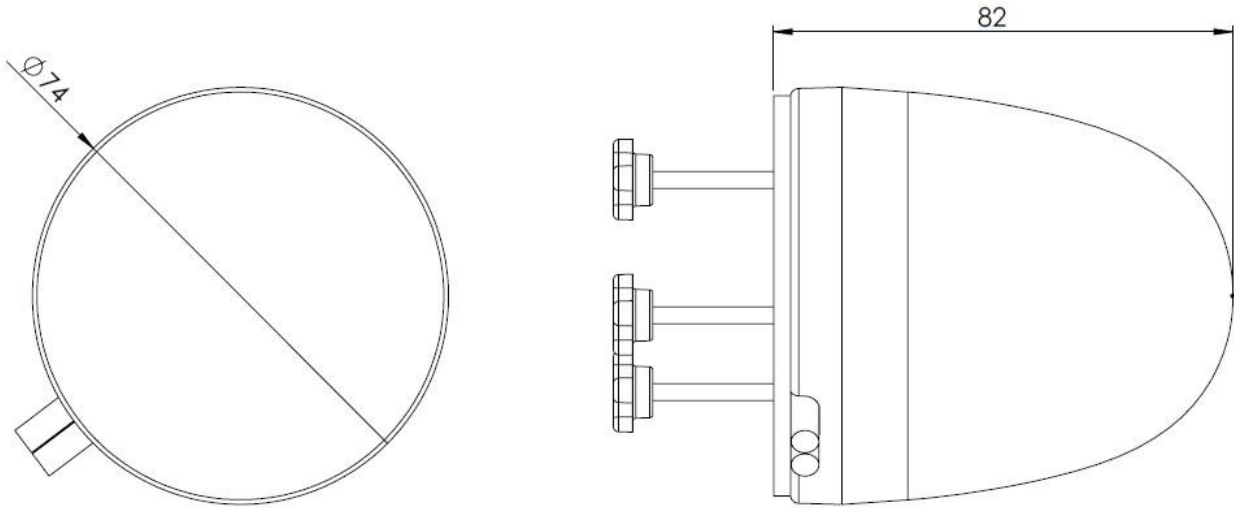
Cable 2 (Navigation)

Connector type: SMA male, nickel
Cable: RG174U
Cable length: 250 cm

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

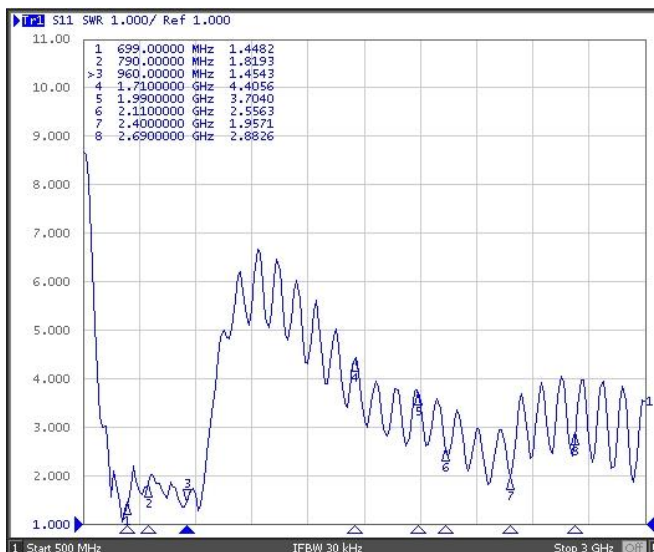
1.4. Mechanical Specifications and Dimensions

Material: Case: ASA
 Max. dimensions: 74mm x 82mm (D x H)
 Colour: White (for different colours please ask our sales team)

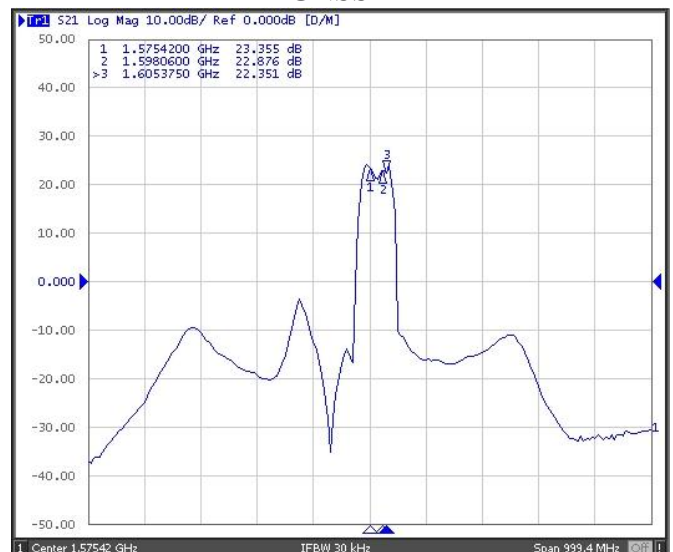


2. MEASUREMENT

LTE



GNSS



3. IMAGES

