

## Tri band ANTENNA

Part no – ELNAA3C

### PRODUCT DESCRIPTION

The ELNAA3C is a Triband antenna designed to operate for GPS, GLONASS and IRNSS frequency bands for Navigational application. The novel design gives it an excellent passive gain, end of coverage and axial ratio across all three-frequency range. This antenna is covered with ABS radome to protect from harsh environment.



### TECHNICAL SPECIFICATIONS

Specification Type	Description
Model no	ELNAA3C
Product description	Tri Band antenna
<b>Electrical Specifications</b>	
Frequency Range	1176 to 1188 MHz
	1570 to 1607 MHz
	2484 to 2492 MHz
Coverage	Hemispherical Pattern
VSWR	< 2.0:1
Gain	≥3 dBi
Beam Width (3 dB)	± 45°
Polarization	RHCP
Axial Ratio	< 3 dB
LNA Gain	26 ± 1 dB
Noise Figure	< 2 dB
Impedance	50 Ohms
DC power supply	+ 5.0 V
Connectors	TNC (F)
<b>Mechanical Specifications</b>	
Dimension (L x W x H)	100 x 100 x 40 mm
Weight	< 250 g
<b>Environmental Specifications</b>	
Temperature Range	-40°C to+80°C
Mounting	Standard Screw Mount

**ELENA GEO SYSTEMS PRIVATE LIMITED**

62/1, 1st Cross, 2nd main, Ganganagar, Bengaluru, India, PIN : 560032

+91 9564168932 info@elenageosystems.com

www.elenageosystems.com