



# SEL-9524 GNSS Antenna

## Information Sheet

### What's Included?



### Installation

The SEL-9524 GNSS Antenna can be mounted using an SEL 915900043 Antenna Pipe Mounting Kit or 915900044 Antenna Surface Mounting Kit.

### Pipe Mounting Instructions

- Step 1. Feed one end of LMR-400 or RG-8X coaxial cable through the pipe and the Pipe-Mount Adapter.
- Step 2. Attach the end of the cable to your antenna by using the TNC connector.
- Step 3. Use the Pipe-Mount Adapter to attach the antenna to the pipe.
- Step 4. Mount the antenna in an area with a clear, unobstructed view of the sky.

### Surface Mounting Instructions

- Step 1. Insert the antenna TNC connector through the hole in the antenna surface mounting bracket.
- Step 2. Secure the antenna to the bracket by using the two provided locking nuts.
- Step 3. Connect the LRM-400 or RG8X cable to the antenna's TNC connector.
- Step 4. Mount the surface mounting bracket so that the antenna has a clear, unobstructed view of the sky.

### Specifications

Constellations:	GPS (SEL-9524A) or GPS/GLONASS (SEL-9524B)
Frequency Band:	1575.42 ± 2 MHz (SEL-9524A) 1570–1606 MHz (SEL-9524B)
LNA Gain:	> 40 dB
Nominal Impedance:	50 ohms
Operating Temperature:	–50° to +85°C
Humidity:	95%
Connector:	TNC female
Weather Protection:	IP68 when connected to a sealed TNC connector

### Compliance

Designed and manufactured under an ISO 9001 certified quality management system

CE EMC Directive, Low-Voltage Directive

### Learn More

Please visit <https://www.selinc.com/SEL-9524/>



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**Production Test Report**

**Serial Number** 1191580622 **Model Number** 9524B

**Tests Completed** 6/10/2019 7:35:10 AM

**Product Configuration**



Manufactured and Tested in the USA  
All Tests Performed with Factory Default Settings

CurrentDraw  
Pass

GainInBand  
Pass

Rejection  
Pass

INSPECTED BY:

Consult your instruction manual for further information regarding this report or contact SEL for assistance.

CUSTOMER SPECIFICATIONS