



## 1.9G15X-XXC-X-S ANTENNA FAMILY

### Lightweight GPS L1 Antenna with Centered Connector

The 1.9G15X-XXC-X-S is tuned for Global Positioning System (GPS) signal reception in the L1 frequency band. The lightweight enclosure is delivered without a radome to allow you to design a radome best suiting your platform. The antenna is vented to allow pressure equalization in space applications. The connector is centered on the baseplate bottom to minimize hole size requirements for installation mounting.

The product family is available in passive and active (amplified) configurations. The active configurations include two-stage ceramic and surface acoustic wave (SAW) filtering for sharp band edges and linearity within the GNSS bands. The upper and lower frequency bands are separately amplified and filtered to ensure operation in high ambient interference environments. The passive configurations are best suited to applications where the antenna is positioned close to the GNSS receiver.

Antcom can customize this product family to meet your specific requirements. Please contact us for more information about customization options.

#### BENEFITS

- Rugged GPS L1 antenna
- Ready for integration into space and high altitude applications

#### FEATURES

- GPS L1 with M-Code support
- Lightweight enclosure without radome
- Vented for pressure equalization at low pressure and vacuum



#### PART NUMBER DECODER

### 1.9G15X-XXC-X-S

#### LNA Gain

A = 33dB  
P = Passive

#### Connector

S = SMA; SMP = SMP;  
M = MCX; MM = MMCX;  
N = Type N; NB = Type N Bulkhead;  
T = TNC; TB = TNC-Bulkhead

#### Color (PER AMS-STD-595)

1 = Gloss White #17925  
2 = Lusterless Gray #36320  
3 = Camo Green #34094  
4 = Lusterless Black #37038  
5 = Desert Tan #33446

Contact Antcom for more information on electrical and mechanical specifications.

#### CONTACT ANTCOM

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REVISION - MARCH 2021

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