



G5ANT-1XXX-S ANTENNA FAMILY

Multi-Band GNSS Antenna for Space Applications

The G5Ant-1XXX-S is a multi-constellation, multi-frequency antenna for assured Global Navigation Satellite Signal (GNSS) reception. Its rugged enclosure is vented to allow pressure equalization in space applications.

The product family is offered in passive and active (amplified) configurations. The active configurations offer 2-stage integrated bandpass filtering for high out-of-band rejection. The passive configurations are best suited to applications where the antenna is located close to the GNSS receiver and offer the lowest insertion loss for minimizing the noise figure of your system.

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

BENEFITS

- Multi-constellation, multi-frequency for assured positioning, navigation and timing (PNT)
- Lightweight for aerospace applications

FEATURES

- GNSS coverage including:
 - GPS L1/L2 with M-Code support
 - Galileo E1 with PRS support
 - GLONASS L1/L2
 - BeiDou B1/B2
- Multiple connector options available for easy compatibility with existing hardware



PART NUMBER DECODER

G5Ant-1XXX-S

LNA Gain

A = 33 dB LNA
A4 = 40 dB LNA
P = Passive

Connector

S = SMA
M = MCX
T = TNC
N = Type N

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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