

Multi-Port Multi-Band L-Band Antenna for GNSS and SatComm Applications

Quality reception and high performance



The new GNSS/SatComm L-Band Antenna from Novocomms Limited provides a game-changing solution for RF engineers who demand the highest accuracy, reliability, and performance levels in GNSS and SatComm technology. With its sleek design and advanced technology, this antenna is the top choice for those seeking the highest quality reception and performance.

Features



Compact & Light Weight

Our L-Band Antenna is designed with a compact size and light weight, making it easy to install and transport.



High Performance

With high gain and exceptional performance, the L-Band Antenna is designed to provide excellent accuracy and communication, even in challenging signal conditions.



Low Price

The L-Band Antenna is priced competitively, making it an affordable solution for RF engineers.



Mechanically Durable

Our L-Band Antenna is designed to be mechanically rugged, ensuring it can withstand harsh environmental conditions.



Flexible

The L-Band Antenna is available in single or dual-port options, with high isolation, making it a flexible solution for a wide range of applications.



Single/Multi Band

The L-Band Antenna can operate on multiple bands, making it suitable for a wide range of applications.



Jamming Resistant

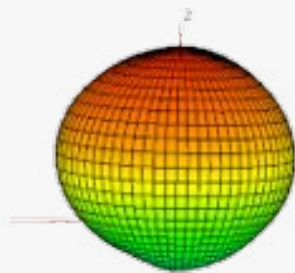
Our L-Band Antenna is designed to be jamming resistant, providing reliable performance even in noisy environments for GNSS applications.



Future-proof Technology

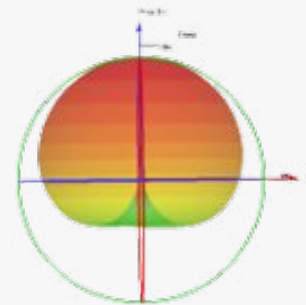
Our L-Band Antenna supports future advancements in both GNSS and SatComm technologies, ensuring your investment is protected for years to come.

Performance



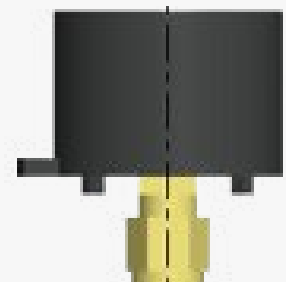
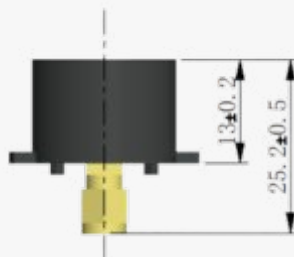
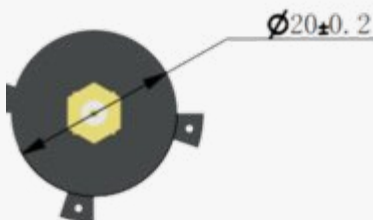
Simulation

Frequency	1.58GHz
Gain	3.5 dBic
Beam width	110°
AR@phi=0	150°



Prototype

Frequency	1.58GHz
Gain	2.97 dBic
Beam width	97°
AR@phi=0	130°



Prototype was measured in Novocomms's chamber, which has been calibrated with SGS

Product Benefits

Improved Accuracy

With high gain and exceptional performance, this L-Band Antenna provides improved accuracy compared to traditional GNSS antennas.

More Flexibility

With its single or dual-port options and single or multi-band capabilities, the L-Band Antenna provides a flexible solution for a wide range of applications.



Increased Reliability

Its mechanically rugged design and jamming resistant features ensure reliable performance even in challenging conditions.

Affordable Solution

Despite its advanced features, the L-Band Antenna is priced competitively, providing an affordable solution for RF engineers.

Consistent Performance

Say goodbye to lost signals and weak performance in challenging environments. With its insensitivity to the ground and external environment, our L-Band Antenna provides reliable and consistent performance in even the toughest conditions.

Usage and Applications

Vehicles



Wearables



Mobile Devices



UAVs



IoT





Conclusion

Novocomms' GNSS/SatComm L-Band Antenna is a game-changing solution for the world of RF engineering. With its high-performance, flexibility, and affordability, it provides RF engineers with reliable and cost-effective solutions to their GNSS and SatComm needs. If you are looking for a GNSS or SatComm antenna that provides improved accuracy, increased reliability, and more flexibility, this GNSS/SatComm L-Band Antenna is the solution for you.

About Novocomms

Novocomms is a leading antenna company that creates innovative technology for consumer, satellite, infrastructure, and the Internet of Things markets. With a strong focus on R&D, the company has a portfolio of over a hundred market-tested patents.

Novocomms' manufacturing capability, including state-of-the-art test chambers and rapid prototyping facilities, ensures a reliable supply of high-quality products. We have a proven record of finding innovative ways to improve performance, speed, and durability while reducing costs.

Headquartered in Birmingham UK, Novocomms serves the US and EMEA markets with a team of highly skilled professionals.

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