

Airborne L-Band SATCOM Market 2025 Trends: Predicted to Grow at a CAGR of 5.6% from 2021 to 2030, Report

The overall airborne L-band SATCOM market opportunity is determined by understanding profitable trends to gain a stronger foothold.



The global airborne L-band SATCOM market was valued at \$0.73 Billion in 2020, and is projected to reach \$1.22 billion by 2030, registering a CAGR of 5.6% from 2021 to 2030."

Allied Market Research

WILMINGTON, DE, UNITED STATES, February 11, 2025 /EINPresswire.com/ -- Allied Market Research published a report, titled, "[Airborne L-Band SATCOM Market](#) by Platform (Commercial Aircraft, Wide-Body Aircraft, Narrow-Body Aircraft, Unmanned Aerial Vehicles, Military Aircraft, and Others), Component (Transceivers, Airborne Radio, Modems and Routers, SATCOM Radomes, SATCOM Terminals, and Others), Application (Government & Defense, and Commercial) and Installation Type (New Installation and Upgradation): Global Opportunity Analysis and Industry Forecast, 2021–2030." According to the

report, the global [airborne L-Band SATCOM](#) industry generated \$0.73 billion in 2020, and is anticipated to generate \$1.22 billion by 2030, witnessing a CAGR of 5.6% from 2021 to 2030.

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Prime determinants of growth

Increase in demand for SATCOM on-the-move (OTM) solutions, rise in adoption in high-altitude, long endurance (HALE) and medium altitude, long endurance (MALE) UAVs for surveillance applications, and modernization of air traffic management system drive the growth of the global airborne L-Band SATCOM market. However, cybersecurity issues and backend operations hinder the market growth. On the other hand, development of ultra-compact SATCOM terminals and increase in demand for long-haul flights present new opportunities in the coming years.

The commercial aircraft segment to maintain its leadership status throughout the forecast period

Based on platform, the commercial aircraft segment held the highest market share in 2020, accounting for around one-third of the global airborne L-Band SATCOM market, and is estimated to maintain its leadership status throughout the forecast period. This is due to major SATCOM companies being working together to create SATCOM solutions for the growing commercial aviation industry. However, the UAV segment is projected to manifest the highest CAGR of 7.5% from 2021 to 2030, owing to increase in demand for UAVs in various applications.

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North America to maintain its dominance by 2030

Based on region, North America held the highest market share in terms of revenue 2020, accounting for around one-third of the global airborne L-Band SATCOM market. This is due to an increase in demand for military satellite systems and equipment in the U.S. and Canada. However, the Asia-Pacific region is expected to witness the fastest CAGR of 6.6% from 2021 to 2030. This is due to increase in focus on strengthening various military industries in emerging nations such as China and India.

Leading Market Players:-

- ASELSAN A.S.
- Ball Corporation
- Cobham Ltd
- Honeywell International Inc.
- Hughes Network Systems, LLC
- Inmarsat Global Limited
- Iridium Communications Inc.
- Raytheon Technologies Corporation
- Teledyne Technologies Incorporated
- Thales Group
- Viasat Inc.

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Key Findings Of The Study

By platform, the UAV segment is expected to register a significant growth during the forecast period.

By component, the modems and routers segment is anticipated to exhibit significant growth in the near future.

By application, the commercial segment is anticipated to exhibit significant growth in the near

future.

By installation type, the upgradation segment is anticipated to exhibit significant growth in the near future.

By region, Asia-Pacific is anticipated to register the highest CAGR during the forecast period.

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