The Global Cellular IoT Antenna Market

2nd Edition

The Global Cellular IoT Antenna Market analyses the latest trends and developments on the IoT antenna market covering 32 antenna vendors. This strategic research report from Berg Insight provides you with 85 pages of unique business intelligence including 5-year industry forecasts and expert commentary on which to base your business decisions.

Berg Insight™

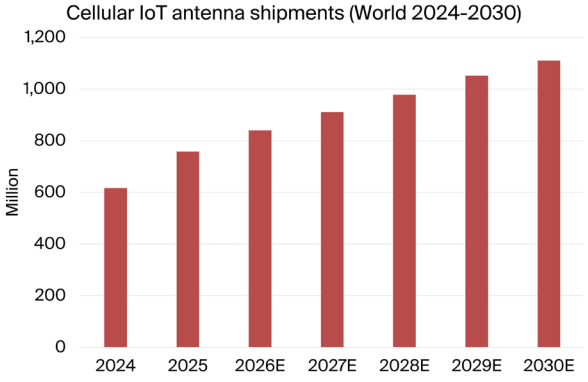
Cellular IoT antenna shipments reached 757 million units in 2025

Antennas are one of the key components of wireless devices and play a central role in determining wireless performance, coverage and power efficiency. Even though an antenna is a conceptually basic passive component, there are many challenges associated with the implementation of antennas. Antenna performance depends not only on the antenna element itself, but also on how the antenna is integrated into the device or system. Complexity is also increased by the need to support multiple cellular frequency bands, regional variants and in many cases other technologies such as GNSS, Wi-Fi or Bluetooth. As a result, the cellular IoT antenna market is characterized by a fragmented vendor landscape, broad product portfolios and continuous demand for customisation and technical support services.

Berg Insight estimates that annual shipments of cellular IoT antennas, including internal and external antennas, amounted to 757 million units in 2025, up 23 percent from the previous year. Until 2030, cellular IoT antenna shipments are forecasted to grow at a compound annual growth rate (CAGR) of 7.9 percent to reach 1.1 billion at the end of the period.

Berg Insight divides the cellular IoT antenna market into three segments: internal, external and OEM automotive antennas. There is generally limited overlap between the vendor landscapes of the internal antenna, external antenna and OEM automotive antenna segments. Overall, the cellular IoT antenna market is served by a broad range of players of different sizes, with distinct portfolio strategies and varying degrees of specialisation in antennas. Some of the largest players have built their presence in the space through acquisitions, using M&A to broaden their portfolios and strengthen channel reach. Despite this, the market remains fragmented due to the breadth of end markets served. Vendors therefore range from major electronic component manufacturers to specialists focused on selected form factors, technologies or vertical markets.

The internal antenna market is characterised by a mix of off-the-shelf products and custom antennas. Important vendors include Taoglas, TE Connectivity, Sunnyway Technology, Kyocera AVX, Pulse Electronics, discoverIE (operating through 2J Antennas and Antenova), Quectel and Ignion. Major external antenna providers are Amhenol (operating through Amphenol Procom and PCTEL), Huber+Suhner, Panorama Antennas, Taoglas, TE Connectivity, 2J Antennas, Airgain, Mobile Mark, Parsec Technologies, Poynting Antennas, Pulse Electronics and Sunnyway Technology. External antennas for the OEM automotive segment are supplied by both major tier-1 automotive suppliers, as well as specialist vendors. Key vendors are Yokowo, Harada, Aumovio and Hirschmann Car Communication.



Hightlights from the report

Insights from 20 executive interviews with market-leading companies.

Summary of the M2M/IoT hardware value chain.

In-depth analysis of market trends and key developments.

Profiles of 32 cellular IoT antenna vendors.

Overview of certifications required for cellular devices.

Market forecasts covering seven different internal and external antenna types lasting until 2030.

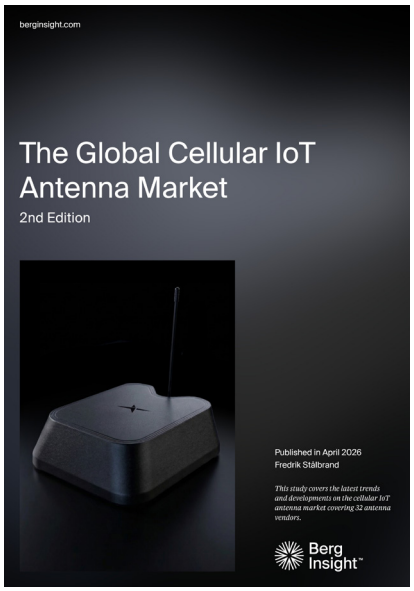
Table of contents

This report answers the following questions

- Which are the leading providers of cellular IoT antennas?
- What are the key trends in the internal, external and automotive antenna segments?
- Which new antenna concepts are emerging on the market?
- Which are the main applications for external antennas?
- What is the share of external and internal antennas of total shipments?
- What are the largest end markets for cellular IoT devices?
- How will the cellular IoT antenna market evolve over the next five years?

About Berg Insight's IoT market research

Our market reports offer comprehensive information and analysis on key IoT technologies and markets, addressing important concerns including total addressable market, market penetration, market shares, industry landscape, regulatory environment, market trends and forecasts. Our research portfolio today comprises more than 80 items, where each market report focuses on a specific vertical application area or cover horizontal themes. All market reports come with complementary data sets in Excel format that can be easily analysed and converted into tables and charts. We offer a range of different license options together with bundled packages and subscriptions to suit your specific needs.



HORIZONTAL THEMES

The Global Cellular IoT Antenna Market

PUBLISHED DATE	April 2026
AUTHOR	Fredrik Stålbrand

PDF & EXCEL: 1 user license	€ 1 500
PDF & EXCEL: 2–10 user license	€ 2 250
PDF & EXCEL: Enterprise license	€ 3 000

Read more and place order on berginsight.com

Who should read this report?

The Global Cellular IoT Antenna Market is the foremost source of information about the cellular IoT antenna market worldwide. Whether you are an antenna vendor, chipset or module provider, device maker, utility, vehicle manufacturer, telecom operator, investor, consultant, or government agency, you will gain valuable insights from our in-depth research.

AUTHOR

Fredrik Stålbrand

Fredrik is an experienced analyst who specialises in the IoT connectivity and software markets. He contributes primarily to the horizontal research programmes, for which he produces most of the content and manages all the underlying data sets. Fredrik's key areas of expertise are IoT connectivity services, IoT platforms and software as well as IoT/M2M applications in the industrial markets. In addition to published research, he has worked on projects for a range of clients across the IoT ecosystem. Fredrik joined Berg Insight in 2016 and holds a Master's degree in Industrial Engineering and Management from Chalmers University of Technology.

CONTACT

Berg Insight AB
Viktoriagatan 3
411 25 Gothenburg
Sweden

+46 (0)31 711 30 91
info@berginsight.com
www.berginsight.com

Berg Insight offers premier business intelligence to the telecom industry. We produce concise reports providing key facts and strategic insights about pivotal developments in our focus areas. Berg Insight also offers detailed market forecast databases and advisory services. Our vision is to be the most valuable source of intelligence for our customers.