

# Global LCP Flexible Board Antenna Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global LCP Flexible Board Antenna market size was valued at US\$ 1005 million in 2025 and is forecast to a readjusted size of US\$ 1528 million by 2032 with a CAGR of 6.2% during review period.

LCP flexible board antenna (LCP antennas) use liquid crystal polymer (LCP) films/copper clad laminates as the dielectric and carrier to integrate millimeter-wave array antennas, feed lines, and RF interconnects onto a flexible or semi-flexible structure. They are then integrated with phased array/transceiver chip packages (such as AiP), offering advantages such as low dielectric loss, low moisture absorption, and dimensional stability. They are suitable for 5G/6G millimeter-wave terminals and small base stations.

Upstream: LCP resin and films, FCCL copper foil and bonding systems, low-loss modified materials, etching/electroplating chemicals, millimeter-wave RFICs/PAs/switches, connectors, and coaxial cables. Downstream: Smartphones and CPEs, AR/VR and wearables, automotive radar and V2X, indoor small base stations/backhaul, Wi-Fi 7/8 and industrial IoT terminals.

In 2025, the global unit price of flexible board antenna was \$15 per unit, with sales of 65.1 million units and a global annual production capacity of approximately 68 million units. The industry profit margin was 20-25%.

This report is a detailed and comprehensive analysis for global LCP Flexible Board Antenna market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is

constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global LCP Flexible Board Antenna market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global LCP Flexible Board Antenna market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global LCP Flexible Board Antenna market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global LCP Flexible Board Antenna market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for LCP Flexible Board Antenna

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global LCP Flexible Board Antenna market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Murata, Sunway, Luxshare Precision, Qualcomm, Fujikura, WNC?Wistron NeWeb?, Auden Techno, USI?Universal Scientific Industrial?, Amkor Technology, ASE Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

### **Market Segmentation**

LCP Flexible Board Antenna market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

#### Market segment by Type

Passive Array

Phase Array

#### Market segment by Antenna Array

1?N

2?N

4?N

#### Market segment by Frequency Bands

24–29 GHz

37–43 GHz

57–71 GHz

#### Market segment by Application

Smartphones

Cars

Others

## Major players covered

Murata

Sunway

Luxshare Precision

Qualcomm

Fujikura

WNC?Wistron NeWeb?

Auden Techno

USI?Universal Scientific Industrial?

Amkor Technology

ASE Technology

TSMC

Panasonic

Taiflex

Zhen Ding Tech. Group

Avary

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East)

& Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe LCP Flexible Board Antenna product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of LCP Flexible Board Antenna, with price, sales quantity, revenue, and global market share of LCP Flexible Board Antenna from 2021 to 2026.

Chapter 3, the LCP Flexible Board Antenna competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the LCP Flexible Board Antenna breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and LCP Flexible Board Antenna market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of LCP Flexible Board Antenna.

Chapter 14 and 15, to describe LCP Flexible Board Antenna sales channel, distributors, customers, research findings and conclusion.

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