

# Global LCP Flexible Board Antenna Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G2691F613CA6EN.html>

Date: January 2026

Pages: 124

Price: US\$ 4,480.00 (Single User License)

ID: G2691F613CA6EN

## Abstracts

The global LCP Flexible Board Antenna market size is expected to reach \$ 1528 million by 2032, rising at a market growth of 6.2% CAGR during the forecast period (2026-2032).

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 studies the global LCP Flexible Board Antenna production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for LCP

Flexible Board Antenna and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of LCP Flexible Board Antenna that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global LCP Flexible Board Antenna total production and demand, 2021-2032, (K Units)

Global LCP Flexible Board Antenna total production value, 2021-2032, (USD Million)

Global LCP Flexible Board Antenna production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global LCP Flexible Board Antenna consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: LCP Flexible Board Antenna domestic production, consumption, key domestic manufacturers and share

Global LCP Flexible Board Antenna production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global LCP Flexible Board Antenna production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global LCP Flexible Board Antenna production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global LCP Flexible Board Antenna market based on the following parameters - company overview, production, value, 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.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World LCP Flexible Board Antenna market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

### **Global LCP Flexible Board Antenna Market, By Region:**

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

### **Global LCP Flexible Board Antenna Market, Segmentation by Type:**

Passive Array

Phase Array

### **Global LCP Flexible Board Antenna Market, Segmentation by Antenna Array:**

1?N

2?N

4?N

#### Global LCP Flexible Board Antenna Market, Segmentation by Frequency Bands:

24–29 GHz

37–43 GHz

57–71 GHz

#### Global LCP Flexible Board Antenna Market, Segmentation by Application:

Smartphones

Cars

Others

#### Companies Profiled:

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

**Key Questions Answered:**

1. How big is the global LCP Flexible Board Antenna market?
2. What is the demand of the global LCP Flexible Board Antenna market?
3. What is the year over year growth of the global LCP Flexible Board Antenna market?
4. What is the production and production value of the global LCP Flexible Board Antenna market?
5. Who are the key producers in the global LCP Flexible Board Antenna market?
6. What are the growth factors driving the market demand?

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