

# Global ISM?LPWAN and LoRaWAN Antennas Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global ISM?LPWAN and LoRaWAN Antennas market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

ISM, LPWAN, and LoRaWAN antennas are types of antennas designed for specific wireless communication applications, often associated with the Internet of Things (IoT) and low-power, long-range connectivity. Each of these antennas serves distinct purposes in wireless communication.

ISM antennas are designed for applications operating in the Industrial, Scientific, and Medical frequency bands, which are unlicensed radio bands available for short-range, low-power devices. ISM bands are commonly used for wireless communications in applications such as remote control, telemetry, wireless sensors, and consumer electronics.

LPWAN antennas are designed for wide-area, low-power wireless network communication, primarily for IoT applications. They are designed to cover larger geographic areas with low energy consumption. LPWAN technologies, such as LoRaWAN and Sigfox, use these antennas to enable long-range connectivity with minimal power requirements.

LoRaWAN antennas are specifically designed for LoRaWAN technology, which is a type of LPWAN designed for long-range, low-power communication in the unlicensed ISM bands. LoRaWAN antennas are optimized for the transmission and reception of LoRa (Long Range) signals, which can travel several kilometers and penetrate obstacles effectively.

In summary, ISM antennas are designed for unlicensed industrial, scientific, and medical applications with short to moderate range. LPWAN antennas are optimized for low-power, long-range communication networks like LoRaWAN and Sigfox, enabling IoT devices to operate over wide areas with minimal power consumption. LoRaWAN antennas, in particular, are tailored to LoRaWAN technology, which is known for its extended range and coverage, making it a popular choice for various IoT use cases.

This report studies the global ISM?LPWAN and LoRaWAN Antennas production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for ISM?LPWAN and LoRaWAN Antennas, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of ISM?LPWAN and LoRaWAN Antennas that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global ISM?LPWAN and LoRaWAN Antennas total production and demand, 2018-2029, (K Units)

Global ISM?LPWAN and LoRaWAN Antennas total production value, 2018-2029, (USD Million)

Global ISM?LPWAN and LoRaWAN Antennas production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global ISM?LPWAN and LoRaWAN Antennas consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: ISM?LPWAN and LoRaWAN Antennas domestic production, consumption, key domestic manufacturers and share

Global ISM?LPWAN and LoRaWAN Antennas production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global ISM?LPWAN and LoRaWAN Antennas production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global ISM?LPWAN and LoRaWAN Antennas production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global ISM?LPWAN and LoRaWAN Antennas 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 Laird Connectivity, TE Con??nectivity, Taoglas, Antenova, PCTEL, Molex, MikroTik, Embedded Antenna Design (EAD) and Pulse Electronics, 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 ISM?LPWAN and LoRaWAN Antennas 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 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global ISM?LPWAN and LoRaWAN Antennas Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

## Global ISM?LPWAN and LoRaWAN Antennas Market, Segmentation by Type

ISM Antennas

LPWAN Antennas

LoRaWAN Antennas

## Global ISM?LPWAN and LoRaWAN Antennas Market, Segmentation by Application

Indoor Application

Outdoor Application

## Companies Profiled:

Laird Connectivity

TE Con??nectivity

Taoglas

Antenova

PCTEL

Molex

MikroTik

Embedded Antenna Design (EAD)

Pulse Electronics

Mobile Mark

Phoenix Contact

Adafruit

Data Alliance

SparkFun Electronics

C&T RF Antennas

Delock

Pycom

Sunway Communication

## Key Questions Answered

1. How big is the global ISM?LPWAN and LoRaWAN Antennas market?
2. What is the demand of the global ISM?LPWAN and LoRaWAN Antennas market?
3. What is the year over year growth of the global ISM?LPWAN and LoRaWAN Antennas market?
4. What is the production and production value of the global ISM?LPWAN and LoRaWAN Antennas market?
5. Who are the key producers in the global ISM?LPWAN and LoRaWAN Antennas market?

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