

# **North America Private 5G/4G Antenna Market Size and Forecasts (2020 - 2030), Regional Share, Trends, and Growth Opportunity Analysis Report Coverage: By Type (Multiple Input Multiple Output (MIMO), Monopole Antenna, Planar-F antenna (PIFA), Others); Directional Type (Directional, Omnidirectional); Industry Verticals (Manufacturing, IT & Telecom, Healthcare, Transport & Logistics, Aerospace & Defense, Others)**

<https://marketpublishers.com/r/N4CCE5508F70EN.html>

Date: December 2023

Pages: 146

Price: US\$ 3,550.00 (Single User License)

ID: N4CCE5508F70EN

## **Abstracts**

The North America private 5G/4G antenna market size was valued at US\$ 284.31 million in 2022 and is expected to reach US\$ 1,231.37 million by 2030. The North America private 5G/4G antenna market is estimated to record a CAGR of 20.1% from 2022 to 2030.

**Rising Adoption of Cloud Computing to Provide Lucrative Opportunities for North America Private 5G/4G Antenna Market Growth During Forecast Period**

North America private 5G/4G antenna market is growing as cloud computing has gained significant traction in various industries, with organizations increasingly relying on cloud services to store, process, and analyze their data. This paradigm shift toward cloud computing necessitates robust and dependable network connectivity to ensure seamless access to cloud resources. Private 5G/4G networks have emerged as a viable solution for organizations seeking dedicated and secure connections to cloud services. The private networks provide a reliable and high-speed connection that can cater specifically to the needs of cloud computing applications.

As more organizations embrace cloud services, the demand for private networks that can offer reliable and secure connections to the cloud increases. This drives the need for advanced antennas capable of supporting the high-speed and low-latency requirements of cloud-based applications. In response to this market demand, antenna manufacturers in North America develop and offer innovative antenna solutions that are optimized for private 5G/4G networks. In June 2023, Microsoft Azure enables the swift and efficient implementation of private 4G and 5G networks, empowering organizations to rapidly deploy secure and dedicated connectivity solutions. By harnessing the capabilities of Azure, organizations can take benefit of the scalability, flexibility, and reliability offered by private 4G and 5G networks, ultimately driving innovation and productivity across various industries.

In June 2023, T-Mobile and Google Cloud announced a collaborative effort aimed at harnessing the capabilities of 5G and edge computing, thereby enabling enterprises to embrace digital transformation. T-Mobile stated its intentions to integrate its 5G ANS suite of private, public, and hybrid 5G networks with Google Distributed Cloud Edge (GDC Edge), providing customers with enhanced access to next-generation 5G applications and use cases, such as AR/VR experiences. Thus, rising adoption of cloud computing provides lucrative growth opportunities for the North America private 5G/4G antenna market growth.

#### Key Findings of North America Private 5G/4G Antenna Market Study:

Based on type, North America private 5G/4G antenna market is segmented into Planar-F antenna (PIFA), Multiple Input Multiple Output (MIMO), monopole antenna, and others. Based on the directional type, the North America private 5G/4G antenna market is bifurcated into one directional and omnidirectional. Based on industry verticals, the North America private 5G/4G antenna market is segmented into manufacturing, IT and telecom, healthcare, transport and logistics, aerospace and defence and others. Based on region, the North America private 5G/4G antenna market is categorized into US, Canada, and Mexico.

A directional antenna is a commonly utilized antenna in the private 5G/4G antenna market. Its purpose is to focus the wireless signal in a particular direction, resulting in enhanced signal strength and coverage in that specific direction while minimizing signal dispersion in other directions. Directional antennas hold a pivotal role in improving wireless network performance within private 5G/4G networks.

The utilization of directional antennas in North America private 5G/4G antenna market leads to improved connectivity, facilitating support for more users and enhancing the overall quality of wireless communication. These antennas are specifically designed to operate within the frequency bands used by 5G and 4G networks, thereby making them highly suitable for deployment in these systems. Thus, there is an increase in the North America private 5G/4G antenna market is growth.

Telefonaktiebolaget LM Ericsson; Amphenol Corp; Antenova Ltd.; TE Connectivity Ltd; Taoglas; Cisco Systems Inc.; Panorama Antennas Ltd.; Huber+Suhner AG; Infinite Electronics International, Inc.; and Capestone BV are among the leading players profiled in the North America private 5G/4G antenna market report. Several other essential North America private 5G/4G antenna market players were analyzed for a holistic view of the market and its ecosystem

## Contents

### **1. INTRODUCTION**

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

### **2. EXECUTIVE SUMMARY**

- 2.1 Key Insights
- 2.2 Market Attractiveness

### **3. RESEARCH METHODOLOGY**

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

### **4. PRIVATE 5G/4G ANTENNA MARKET LANDSCAPE**

- 4.1 Overview
- 4.2 PEST Analysis
- 4.3 Ecosystem Analysis
  - 4.3.1 Raw Material Providers:
  - 4.3.2 Private 5G/4G Antenna Manufacturers:
  - 4.3.3 Distributors/Suppliers:
  - 4.3.4 End Users:
  - 4.3.5 List of Vendors in Value Chain

### **5. PRIVATE 5G/4G ANTENNA MARKET - KEY INDUSTRY DYNAMICS**

- 5.1 Private 5G/4G Antenna Market - Key Industry Dynamics
- 5.2 Market Drivers
  - 5.2.1 Increasing Demand for Private Networks
  - 5.2.2 Need for Enhanced Network Security and Control
- 5.3 Market Restraints
  - 5.3.1 High Cost of Deployment
  - 5.3.2 Lack of Infrastructure
- 5.4 Market Opportunities

- 5.4.1 Increasing Demand for Internet of Things
- 5.4.2 Rising Adoption of Cloud Computing
- 5.5 Future Trends
  - 5.5.1 Evolution of Open RAN (Radio Access Network)
  - 5.5.2 Advancements in Antenna Technology
- 5.6 Impact of Drivers and Restraints:

## **6. PRIVATE 5G/4G ANTENNA MARKET ANALYSIS**

- 6.1 Private 5G/4G Antenna Market Revenue (US\$ Million), 2022 – 2030
- 6.2 Private 5G/4G Antenna Market Forecast and Analysis

## **7. PRIVATE 5G/4G ANTENNA MARKET ANALYSIS - TYPE**

- 7.1 Multiple Input Multiple Output (MIMO)
  - 7.1.1 Overview
  - 7.1.2 Multiple Input Multiple Output (MIMO) Market, Revenue and Forecast to 2030 (US\$ Million)
- 7.2 Planar-F antenna (PIFA)
  - 7.2.1 Overview
  - 7.2.2 Planar-F antenna (PIFA) Market, Revenue and Forecast to 2030 (US\$ Million)
- 7.3 Monopole Antenna
  - 7.3.1 Overview
  - 7.3.2 Monopole Antenna Market, Revenue and Forecast to 2030 (US\$ Million)
- 7.4 Others
  - 7.4.1 Overview
  - 7.4.2 Others Market, Revenue and Forecast to 2030 (US\$ Million)

## **8. PRIVATE 5G/4G ANTENNA MARKET ANALYSIS – DIRECTIONAL TYPE**

- 8.1 Directional
  - 8.1.1 Overview
  - 8.1.2 Directional Market, Revenue and Forecast to 2030 (US\$ Million)
- 8.2 Omni-Directional
  - 8.2.1 Overview
  - 8.2.2 Omni-Directional Market, Revenue and Forecast to 2030 (US\$ Million)

## **9. PRIVATE 5G/4G ANTENNA MARKET ANALYSIS - INDUSTRY VERTICALS**

## 9.1 Manufacturing

### 9.1.1 Overview

### 9.1.2 Manufacturing Market Revenue, and Forecast to 2030 (US\$ Million)

## 9.2 IT and Telecom

### 9.2.1 Overview

### 9.2.2 IT and Telecom Market Revenue, and Forecast to 2030 (US\$ Million)

## 9.3 Healthcare

### 9.3.1 Overview

### 9.3.2 Healthcare Market Revenue, and Forecast to 2030 (US\$ Million)

## 9.4 Transport and Logistics

### 9.4.1 Overview

### 9.4.2 Transport and Logistics Market Revenue, and Forecast to 2030 (US\$ Million)

## 9.5 Aerospace and Defence

### 9.5.1 Overview

### 9.5.2 Aerospace and Defence Market Revenue, and Forecast to 2030 (US\$ Million)

## 9.6 Others

### 9.6.1 Overview

### 9.6.2 Others Market Revenue, and Forecast to 2030 (US\$ Million)

## **10. PRIVATE 5G/4G ANTENNA MARKET - REGIONAL ANALYSIS**

### 10.1 Overview

#### 10.1.1 US Private 5G/4G Antenna Market Revenue and Forecasts to 2030 (US\$ Mn)

#### 10.1.1 US Private 5G/4G Antenna Market Breakdown by Type

#### 10.1.2 US Private 5G/4G Antenna Market Breakdown by Directional Type

#### 10.1.3 US Private 5G/4G Antenna Market Breakdown by Industry Verticals

#### 10.1.4 Canada Private 5G/4G Antenna Market Revenue and Forecasts to 2030 (US\$ Mn)

#### 10.1.5 Canada Private 5G/4G Antenna Market Breakdown by Type

#### 10.1.6 Canada Private 5G/4G Antenna Market Breakdown by Directional Type

#### 10.1.7 Canada Private 5G/4G Antenna Market Breakdown by Industry Verticals

#### 10.1.8 Mexico Private 5G/4G Antenna Market Revenue and Forecasts to 2030 (US\$ Mn)

#### 10.1.9 Mexico Private 5G/4G Antenna Market Breakdown by Type

#### 10.1.10 Mexico Private 5G/4G Antenna Market Breakdown by Directional Type

#### 10.1.11 Mexico Private 5G/4G Antenna Market Breakdown by Industry Verticals

## **11. PRIVATE 5G/4G ANTENNA MARKET – IMPACT OF COVID-19 PANDEMIC**

11.1 Pre & Post Covid-19 Impact

## **12. COMPETITIVE LANDSCAPE**

12.1 Company Positioning & Concentration

12.2 Heat Map Analysis by Key Players

## **13. INDUSTRY LANDSCAPE**

13.1 Overview

13.2 Market Initiative

13.3 New Product Development

## **14. COMPANY PROFILES**

14.1 Telefonaktiebolaget LM Ericsson

14.1.1 Key Facts

14.1.2 Business Description

14.1.3 Products and Services

14.1.4 Financial Overview

14.1.5 SWOT Analysis

14.1.6 Key Developments

14.2 Amphenol Corp

14.2.1 Key Facts

14.2.2 Business Description

14.2.3 Products and Services

14.2.4 Financial Overview

14.2.5 SWOT Analysis

14.2.6 Key Developments

14.3 Antenova Ltd.

14.3.1 Key Facts

14.3.2 Business Description

14.3.3 Products and Services

14.3.4 Financial Overview

14.3.5 SWOT Analysis

14.3.6 Key Developments

14.4 TE Connectivity Ltd

14.4.1 Key Facts

14.4.2 Business Description

- 14.4.3 Products and Services
- 14.4.4 Financial Overview
- 14.4.5 SWOT Analysis
- 14.4.6 Key Developments
- 14.5 Taoglas
  - 14.5.1 Key Facts
  - 14.5.2 Business Description
  - 14.5.3 Products and Services
  - 14.5.4 Financial Overview
  - 14.5.5 SWOT Analysis
  - 14.5.6 Key Developments
- 14.6 Cisco Systems Inc
  - 14.6.1 Key Facts
  - 14.6.2 Business Description
  - 14.6.3 Products and Services
  - 14.6.4 Financial Overview
  - 14.6.5 SWOT Analysis
  - 14.6.6 Key Developments
- 14.7 Panorama Antennas Ltd.
  - 14.7.1 Key Facts
  - 14.7.2 Business Description
  - 14.7.3 Products and Services
  - 14.7.4 Financial Overview
  - 14.7.5 SWOT Analysis
  - 14.7.6 Key Developments
- 14.8 Huber+Suhner AG
  - 14.8.1 Key Facts
  - 14.8.2 Business Description
  - 14.8.3 Products and Services
  - 14.8.4 Financial Overview
  - 14.8.5 SWOT Analysis
  - 14.8.6 Key Developments
- 14.9 Infinite Electronics International, Inc.
  - 14.9.1 Key Facts
  - 14.9.2 Business Description
  - 14.9.3 Products and Services
  - 14.9.4 Financial Overview
  - 14.9.5 SWOT Analysis
  - 14.9.6 Key Developments



## 14.10 Capestone BV

14.10.1 Key Facts

14.10.2 Business Description

14.10.3 Products and Services

14.10.4 Financial Overview

14.10.5 SWOT Analysis

14.10.6 Key Developments

## 15. APPENDIX

15.1 About The Insight Partners

15.2 Word Index

## List Of Tables

### LIST OF TABLES

- Table 1. Private 5G/4G Antenna Market Segmentation
- Table 2. Private 5G/4G Antenna Market Revenue and Forecasts To 2030 (US\$ Million)
- Table 3. Private 5G/4G Antenna Market Revenue and Forecasts To 2030 (US\$ Million)  
– Type
- Table 4. Private 5G/4G Antenna Market Revenue and Forecasts To 2030 (US\$ Million)  
– Directional Type
- Table 5. Private 5G/4G Antenna Market Revenue and Forecasts To 2030 (US\$ Million)  
– Industry Verticals
- Table 6. US Private 5G/4G Antenna Market Revenue and Forecasts To 2030 (US\$ Mn)  
– By Type
- Table 7. US Private 5G/4G Antenna Market Revenue and Forecasts To 2030 (US\$ Mn)  
– By Directional Type
- Table 8. US Private 5G/4G Antenna Market Revenue and Forecasts To 2030 (US\$ Mn)  
– By Industry Verticals
- Table 9. Canada Private 5G/4G Antenna Market Revenue and Forecasts To 2030 (US\$ Mn) – By Type
- Table 10. Canada Private 5G/4G Antenna Market Revenue and Forecasts To 2030 (US\$ Mn) – By Directional Type
- Table 11. Canada Private 5G/4G Antenna Market Revenue and Forecasts To 2030 (US\$ Mn) – By Industry Verticals
- Table 12. Mexico Private 5G/4G Antenna Market Revenue and Forecasts To 2030 (US\$ Mn) – By Type
- Table 13. Mexico Private 5G/4G Antenna Market Revenue and Forecasts To 2030 (US\$ Mn) – By Directional Type
- Table 14. Mexico Private 5G/4G Antenna Market Revenue and Forecasts To 2030 (US\$ Mn) – By Industry Verticals
- Table 15. Company Positioning & Concentration
- Table 16. List of Abbreviation

## I would like to order

Product name: North America Private 5G/4G Antenna Market Size and Forecasts (2020 - 2030), Regional Share, Trends, and Growth Opportunity Analysis Report Coverage: By Type (Multiple Input Multiple Output (MIMO), Monopole Antenna, Planar-F antenna (PIFA), Others); Directional Type (Directional, Omnidirectional); Industry Verticals (Manufacturing, IT & Telecom, Healthcare, Transport & Logistics, Aerospace & Defense, Others)

Product link: <https://marketpublishers.com/r/N4CCE5508F70EN.html>

Price: US\$ 3,550.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/N4CCE5508F70EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:

Last name:

Email:

Company:

Address:

City:

Zip code:

Country:

Tel:

Fax:

Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970