

# **Global RF Filter Market Size study & Forecast, by Application (Navigation, Radio Broadcast, TV Broadcast, Mobile Phone Communication, Satellite Communication, Aerospace and Defence, Others) By Voltage (SAW Filter, BAW Filter) and Regional Analysis, 2023-2030**

<https://marketpublishers.com/r/G3C79423C6C1EN.html>

Date: May 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G3C79423C6C1EN

## **Abstracts**

Global RF Filter Market is valued approximately USD 12.24 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 16.6% over the forecast period 2023-2030. RF (radio frequency) filters are electronic circuits designed to allow certain frequencies of signals to pass through while attenuating or blocking other frequencies. They are used in various applications such as wireless communication, radar systems, satellite communication, and more. The RF Filter market is expanding because of factors such as increasing demand of wireless systems and growing number of smartphone users. RF filters can be designed using a variety of techniques including inductance-capacitance circuits, crystal filters, and surface acoustic wave filters. Its importance has progressively increased during the last few decades.

Since network infrastructure can be a mix of hardware devices, software applications, and network services. According to the Statista, the global 5G network infrastructure accounts USD 19.13 billion in 2021. Furthermore, in 2020, the global wireless connectivity market revenue has reached around USD 54.7 billion. Another important component driving space increase is number of smartphone users. As per Statista, in 2022, Reliance Jio was the market leader with more than 419 million wireless telecom subscribers in India. The second-largest telecom market in the world was in the south Asian nation. In India, there were approx. 1.15 billion mobile subscribers in 2021. In addition, nearly 6.6 billion people worldwide had smartphone mobile network

subscriptions in 2022, and by 2028, that number is expected to exceed 7.8 billion. The nations with the most smartphone mobile network subscriptions are China, India, and the United States. Also, rising technological advancement in RF Filter and growing adoption of 5G infrastructure would create a lucrative growth prospectus for the market over the forecast period. However, the high cost of RF Filter stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global RF Filter Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the increasing adoption of wireless network in the region. According to the Statista, the wireless industry in the United States generated service revenues of USD 204.21 billion in 2021. Furthermore, Asia Pacific is expected to grow significantly during the forecast period, owing to factors such as rising number of active mobile phone users and rising telecom industry in the market space.

Major market player included in this report are:

MPG - Microwave Products Group

NXP Semiconductors N.V

Analog Devices, Inc.,

STMicroelectronics,

Murata Manufacturing Co.Ltd

Broadcom Inc.,

Anatech Electronics, Inc

RS Microwave Company, Inc

API Technologies Corp.

ITbirds Technology

Recent Developments in the Market:

In April 2023, STMicroelectronics and Atomera Incorporated collaborates to give ST permission to integrate Atomera's Mears Silicon Technology™ into its infrastructure and to manufacture and sell MST-capable devices to its existing clients.

Global RF Filter Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Application, Voltage, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application

Navigation

Radio Broadcast

TV Broadcast

Mobile Phone Communication

Satellite Communication

Aerospace and Defense

Others

By Voltage

SAW Filter

BAW Filter

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain  
Italy  
ROE

Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC

Latin America  
Brazil  
Mexico

Middle East & Africa  
Saudi Arabia  
South Africa  
Rest of Middle East & Africa

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
  - 1.2.1. RF Filter Market, by Region, 2020-2030 (USD Billion)
  - 1.2.2. RF Filter Market, by Application, 2020-2030 (USD Billion)
  - 1.2.3. RF Filter Market, by Voltage, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL RF FILTER MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Industry Evolution
  - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL RF FILTER MARKET DYNAMICS

- 3.1. RF Filter Market Impact Analysis (2020-2030)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Increasing demand of wireless systems
    - 3.1.1.2. Growing number of smartphone users
  - 3.1.2. Market Challenges
    - 3.1.2.1. High Cost of RF Filter
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Rising technological advancement in RF Filter
    - 3.1.3.2. Growing adoption of 5G infrastructure

### CHAPTER 4. GLOBAL RF FILTER MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers

- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL RF FILTER MARKET, BY APPLICATION**

- 5.1. Market Snapshot
- 5.2. Global RF Filter Market by Application, Performance - Potential Analysis
- 5.3. Global RF Filter Market Estimates & Forecasts by Application 2020-2030 (USD Billion)
- 5.4. RF Filter Market, Sub Segment Analysis
  - 5.4.1. Navigation
  - 5.4.2. Radio Broadcast
  - 5.4.3. TV Broadcast
  - 5.4.4. Mobile Phone Communication
  - 5.4.5. Satellite Communication
  - 5.4.6. Aerospace and Defence
  - 5.4.7. Others

## **CHAPTER 6. GLOBAL RF FILTER MARKET, BY VOLTAGE**

- 6.1. Market Snapshot
- 6.2. Global RF Filter Market by Voltage, Performance - Potential Analysis
- 6.3. Global RF Filter Market Estimates & Forecasts by Voltage 2020-2030 (USD Billion)
- 6.4. RF Filter Market, Sub Segment Analysis

6.4.1. SAW Filter

6.4.2. BAW Filter

## **CHAPTER 7. GLOBAL RF FILTER MARKET, REGIONAL ANALYSIS**

7.1. Top Leading Countries

7.2. Top Emerging Countries

7.3. RF Filter Market, Regional Market Snapshot

7.4. North America RF Filter Market

7.4.1. U.S. RF Filter Market

7.4.1.1. Application breakdown estimates & forecasts, 2020-2030

7.4.1.2. Voltage breakdown estimates & forecasts, 2020-2030

7.4.2. Canada RF Filter Market

7.5. Europe RF Filter Market Snapshot

7.5.1. U.K. RF Filter Market

7.5.2. Germany RF Filter Market

7.5.3. France RF Filter Market

7.5.4. Spain RF Filter Market

7.5.5. Italy RF Filter Market

7.5.6. Rest of Europe RF Filter Market

7.6. Asia-Pacific RF Filter Market Snapshot

7.6.1. China RF Filter Market

7.6.2. India RF Filter Market

7.6.3. Japan RF Filter Market

7.6.4. Australia RF Filter Market

7.6.5. South Korea RF Filter Market

7.6.6. Rest of Asia Pacific RF Filter Market

7.7. Latin America RF Filter Market Snapshot

7.7.1. Brazil RF Filter Market

7.7.2. Mexico RF Filter Market

7.8. Middle East & Africa RF Filter Market

7.8.1. Saudi Arabia RF Filter Market

7.8.2. South Africa RF Filter Market

7.8.3. Rest of Middle East & Africa RF Filter Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

8.1. Key Company SWOT Analysis

8.1.1. Company

- 8.1.2. Company
- 8.1.3. Company
- 8.2. Top Market Strategies
- 8.3. Company Profiles
  - 8.3.1. MPG - MICROWAVE PRODUCTS GROUP
    - 8.3.1.1. Key Information
    - 8.3.1.2. Overview
    - 8.3.1.3. Financial (Subject to Data Availability)
    - 8.3.1.4. Product Summary
    - 8.3.1.5. Recent Developments
  - 8.3.2. NXP Semiconductors N.V.,
  - 8.3.3. Analog Devices, Inc.,
  - 8.3.4. STMicroelectronics,
  - 8.3.5. Murata Manufacturing Co.Ltd.,
  - 8.3.6. Broadcom Inc.,
  - 8.3.7. Anatech Electronics, Inc.,
  - 8.3.8. RS Microwave Company, Inc.,
  - 8.3.9. API Technologies Corp.
  - 8.3.10. ITbirds Technology

## **CHAPTER 9. RESEARCH PROCESS**

- 9.1. Research Process
  - 9.1.1. Data Mining
  - 9.1.2. Analysis
  - 9.1.3. Market Estimation
  - 9.1.4. Validation
  - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption



## List Of Tables

### LIST OF TABLES

TABLE 1. Global RF Filter Market, report scope

TABLE 2. Global RF Filter Market estimates & forecasts by Region 2020-2030 (USD Billion)

TABLE 3. Global RF Filter Market estimates & forecasts by Application 2020-2030 (USD Billion)

TABLE 4. Global RF Filter Market estimates & forecasts by Voltage 2020-2030 (USD Billion)

TABLE 5. Global RF Filter Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 6. Global RF Filter Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7. Global RF Filter Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global RF Filter Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global RF Filter Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global RF Filter Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global RF Filter Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global RF Filter Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global RF Filter Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global RF Filter Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. U.S. RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. U.S. RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 17. U.S. RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 18. Canada RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 19. Canada RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 20. Canada RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. UK RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 22. UK RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 23. UK RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. Germany RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 25. Germany RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 26. Germany RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. France RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 28. France RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 29. France RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. Italy RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 31. Italy RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 32. Italy RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Spain RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 34. Spain RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 35. Spain RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. RoE RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 37. RoE RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 38. RoE RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 39. China RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 40. China RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 41. China RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. India RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 43. India RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

Billion)

TABLE 44. India RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. Japan RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 46. Japan RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 47. Japan RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. South Korea RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 49. South Korea RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 50. South Korea RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. Australia RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 52. Australia RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 53. Australia RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. RoAPAC RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 55. RoAPAC RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 56. RoAPAC RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. Brazil RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 58. Brazil RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 59. Brazil RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Mexico RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 61. Mexico RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 62. Mexico RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. RoLA RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 64. RoLA RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 65. RoLA RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. Saudi Arabia RF Filter Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 67. South Africa RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 68. RoMEA RF Filter Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. List of secondary sources, used in the study of global RF Filter Market

TABLE 70. List of primary sources, used in the study of global RF Filter Market

TABLE 71. Years considered for the study

TABLE 72. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global RF Filter Market, research methodology
- FIG 2. Global RF Filter Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global RF Filter Market, key trends 2022
- FIG 5. Global RF Filter Market, growth prospects 2023-2030
- FIG 6. Global RF Filter Market, porters 5 force model
- FIG 7. Global RF Filter Market, pest analysis
- FIG 8. Global RF Filter Market, value chain analysis
- FIG 9. Global RF Filter Market by segment, 2020 & 2030 (USD Billion)
- FIG 10. Global RF Filter Market by segment, 2020 & 2030 (USD Billion)
- FIG 11. Global RF Filter Market by segment, 2020 & 2030 (USD Billion)
- FIG 12. Global RF Filter Market by segment, 2020 & 2030 (USD Billion)
- FIG 13. Global RF Filter Market by segment, 2020 & 2030 (USD Billion)
- FIG 14. Global RF Filter Market, regional snapshot 2020 & 2030
- FIG 15. North America RF Filter Market 2020 & 2030 (USD Billion)
- FIG 16. Europe RF Filter Market 2020 & 2030 (USD Billion)
- FIG 17. Asia pacific RF Filter Market 2020 & 2030 (USD Billion)
- FIG 18. Latin America RF Filter Market 2020 & 2030 (USD Billion)
- FIG 19. Middle East & Africa RF Filter Market 2020 & 2030 (USD Billion)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

## I would like to order

Product name: Global RF Filter Market Size study & Forecast, by Application (Navigation, Radio Broadcast, TV Broadcast, Mobile Phone Communication, Satellite Communication, Aerospace and Defence, Others) By Voltage (SAW Filter, BAW Filter) and Regional Analysis, 2023-2030

Product link: <https://marketpublishers.com/r/G3C79423C6C1EN.html>

Price: US\$ 4,950.00 (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/G3C79423C6C1EN.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