

RF Tunable Filter Market by Type (Bandpass, Band Reject), Tuning Mechanism, Tuning Component, System (Handheld and Pocket Radio, Radar System), Application (Aerospace and Defense, Transportation, Smart Cities) and Geography - Global Forecast to 2027

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Abstracts

The global RF tunable filter market is projected to reach USD 168 million by 2027 from an estimated USD 100 million in 2022, at a CAGR of 10.8% from 2022 to 2027. The growth of the market can be attributed to the rising demand for RF tunable filters in aerospace & defense industry and the increasing demand for 5G smartphones, smartphones, and mobile phones.

“Bandpass filter segment is projected to capture a larger share of the overall market during the forecast period”

The RF tunable filter market for the bandpass filter segment is projected to capture a larger share of the overall market during the forecast period attributed to the increased use of bandpass filters in the aerospace & defense, communications, and healthcare industries.

“The market for the radar system segment is expected to hold the largest share of the overall market in 2022”

The market for the radar system segment is expected to hold the largest share of the overall market in 2022. Radar systems are widely used in the aerospace & defense industry as they can penetrate different mediums, such as clouds, fogs, mist, and snow. In commercial and military aircraft, radar systems are used to assist pilots while flying through the fog. Thus, the demand for radar systems is rising in the aerospace &

defense industry, which, in turn, fuels the adoption of RF tunable filters.

“In 2022, the RF tunable filter market for the aerospace and defense segment is expected to hold the largest share of the overall market”

In 2022, the RF tunable filter market for the aerospace and defense segment is expected to hold the largest share of the overall market, and the trend is projected to continue during the forecast period. The dominance of the aerospace and defense segment can be attributed to the rising demand for handheld and pocket radios, radar systems, communication and navigation systems, and satellite communication systems in the aerospace & defense industry.

“Based on region, North America held the largest share of the overall RF tunable filter market in 2022”

In 2022, North America held the largest share of the overall RF tunable filter market, followed by Europe, Asia Pacific, and RoW, respectively. Also, it is expected to dominate the market during the forecast period. The presence of major players such as Analog Devices, Inc., Dover Corporation, The LGL Group, Inc., EXFO Inc., DiCon Fiberoptics, Inc., Netcom, Inc., RF Products Inc., Telonic Berkeley Corporation, and Coleman Microwave Company in the region is the key factor driving the market growth. In addition, the region holds a strong base of end users, including aerospace & defense, energy & power, mining, transportation, smart cities, and healthcare industries. These end users demand highly reliable and fast-responding RF tunable filters to achieve smooth and secure communication.

In-depth interviews have been conducted with chief executive officers (CEOs), directors, and other executives from various key organizations operating in the RF tunable filter marketplace.

By Company Type: Tier 1 – 50%, Tier 2 – 30%, and Tier 3 – 20%

By Designation: C-level Executives – 45%, Directors – 35%, and Others – 20%

By Region: North America – 40%, Europe – 30%, APAC – 20%, and RoW – 10%

Analog Devices, Inc. (US), Dover Corporation (US), Smiths Group plc (UK), The LGL Group, Inc. (US), EXFO Inc. (Canada), DiCon Fiberoptics, Inc. (US), Netcom, Inc. (US),

RF Products Inc. (US), Telonic Berkeley Corporation (US), and Coleman Microwave Company (US) are some of the key players in the RF tunable filter market.

The study includes an in-depth competitive analysis of these key players in the RF tunable filter market, with their company profiles, recent developments, and key market strategies.

Research Coverage

The report defines, describes, and forecasts the RF tunable filter market based on type, tuning mechanism, tuning component, system, application, and geography. It provides detailed information regarding factors such as drivers, restraints, opportunities, and challenges influencing the growth of the RF tunable filter market. It also analyzes product launches, collaborations, partnerships, contracts, agreements, expansions, and acquisitions, carried out by the key players to grow in the market.

Key Benefits of Buying the Report

This report will help market leaders/new entrants in this industry with information on the closest approximations of the revenue numbers for the overall RF tunable filter market and the subsegments. The report will help stakeholders understand the competitive landscape and gain more insights to better position their businesses and plan suitable go-to-market strategies. The report will also help stakeholders to understand the pulse of the market and provide them with information on key market drivers, restraints, challenges, and opportunities.

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 DEFINITION AND SCOPE

1.2.1 INCLUSIONS AND EXCLUSIONS

1.3 STUDY SCOPE

1.3.1 MARKETS COVERED

FIGURE 1 RF TUNABLE FILTER MARKET SEGMENTATION

1.3.2 GEOGRAPHIC SCOPE

1.3.3 YEARS CONSIDERED

1.4 CURRENCY

1.5 UNITS CONSIDERED

1.6 STAKEHOLDERS

1.7 SUMMARY OF CHANGES

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

FIGURE 2 RF TUNABLE FILTER MARKET: RESEARCH DESIGN

2.1.1 SECONDARY & PRIMARY RESEARCH

2.1.2 SECONDARY DATA

2.1.2.1 List of key secondary sources

2.1.2.2 Secondary sources

2.1.3 PRIMARY DATA

2.1.3.1 Primary interviews with experts

2.1.3.2 Breakdown of primaries

2.1.3.3 Key data from primary sources

2.1.3.4 Key industry insights

2.2 FACTOR ANALYSIS

FIGURE 3 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 1 – TOP-DOWN (SUPPLY SIDE): REVENUES GENERATED BY COMPANIES FROM SALES OF RF TUNABLE FILTERS

FIGURE 4 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 1 – TOP-DOWN (SUPPLY SIDE): ILLUSTRATION OF REVENUE ESTIMATIONS FOR ONE COMPANY IN RF TUNABLE FILTER MARKET

FIGURE 5 MARKET SIZE ESTIMATION METHODOLOGY: APPROACH 3 – BOTTOM-UP (DEMAND SIDE): DEMAND FOR RF TUNABLE FILTERS, BY TYPE

2.3 MARKET SIZE ESTIMATION

2.3.1 BOTTOM-UP APPROACH

2.3.1.1 Approach for arriving at market size by bottom-up analysis (demand side)

FIGURE 6 RF TUNABLE FILTER MARKET: BOTTOM-UP APPROACH

2.3.2 TOP-DOWN APPROACH

2.3.2.1 Approach for capturing market size by top-down analysis (supply side)

FIGURE 7 RF TUNABLE FILTER MARKET: TOP-DOWN APPROACH

2.4 MARKET BREAKDOWN AND DATA TRIANGULATION

FIGURE 8 DATA TRIANGULATION

2.5 RESEARCH ASSUMPTIONS

2.5.1 ASSUMPTIONS

2.5.2 LIMITATIONS

2.6 RISK ASSESSMENT

3 EXECUTIVE SUMMARY

3.1 IMPACT OF COVID-19 PANDEMIC ON RF TUNABLE FILTER MARKET

FIGURE 9 GLOBAL PROPAGATION OF COVID-19

TABLE 1 RECOVERY SCENARIOS FOR GLOBAL ECONOMY

3.1.1 REALISTIC SCENARIO

3.1.2 OPTIMISTIC SCENARIO

3.1.3 PESSIMISTIC SCENARIO

FIGURE 10 GROWTH PROJECTIONS OF RF TUNABLE FILTER MARKET IN REALISTIC, OPTIMISTIC, AND PESSIMISTIC SCENARIOS

FIGURE 11 SURFACE-MOUNT DEVICE VARIANT SEGMENT TO REGISTER HIGHEST CAGR IN RF TUNABLE FILTER MARKET, BY TUNING COMPONENT, DURING 2022–2027

FIGURE 12 HANDHELD AND POCKET RADIO SEGMENT TO HOLD LARGEST SHARE OF RF TUNABLE FILTER MARKET, BY SYSTEM, IN 2027

FIGURE 13 SMART CITIES SEGMENT TO RECORD HIGHEST CAGR IN RF TUNABLE FILTER MARKET, BY APPLICATION, DURING FORECAST PERIOD

FIGURE 14 ASIA PACIFIC TO REGISTER HIGHEST CAGR IN RF TUNABLE FILTER MARKET FROM 2022 TO 2027

4 PREMIUM INSIGHTS

4.1 ATTRACTIVE GROWTH OPPORTUNITIES IN RF TUNABLE FILTER MARKET

FIGURE 15 INCREASING FOCUS ON DEPLOYMENT OF 5G TECHNOLOGY TO

FUEL MARKET GROWTH FROM 2022 TO 2027

4.2 RF TUNABLE FILTER MARKET, BY TYPE

FIGURE 16 BANDPASS FILTER SEGMENT TO ACCOUNT LARGER SHARE OF RF TUNABLE FILTER MARKET IN 2027

4.3 RF TUNABLE FILTER MARKET, BY TUNING MECHANISM

FIGURE 17 MECHANICAL TUNING SEGMENT TO HOLD LARGEST SHARE OF RF TUNABLE FILTER MARKET IN 2027

4.4 RF TUNABLE FILTER MARKET, BY TUNING COMPONENT

FIGURE 18 MEMS CAPACITOR SEGMENT TO HOLD LARGEST SHARE OF RF TUNABLE FILTER MARKET IN 2027

4.5 RF TUNABLE FILTER MARKET, BY SYSTEM

FIGURE 19 HANDHELD AND POCKET RADIO SEGMENT TO ACCOUNT FOR LARGEST SHARE OF RF TUNABLE FILTER MARKET IN 2027

4.6 RF TUNABLE FILTER MARKET, BY APPLICATION

FIGURE 20 AEROSPACE AND DEFENSE SEGMENT TO CAPTURE LARGEST SHARE OF RF TUNABLE FILTER MARKET IN 2027

4.7 RF TUNABLE FILTER MARKET, BY REGION

FIGURE 21 NORTH AMERICA TO LEAD RF TUNABLE FILTER MARKET IN 2027

4.8 RF TUNABLE FILTER MARKET, BY COUNTRY

FIGURE 22 CHINA TO REGISTER HIGHEST CAGR IN GLOBAL RF TUNABLE FILTER MARKET DURING FORECAST PERIOD

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

FIGURE 23 RF TUNABLE FILTER MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

5.2.1 DRIVERS

5.2.1.1 Rising demand for RF tunable filters in aerospace & defense industry

5.2.1.2 Increasing demand for 5G smartphones, smartphones, and mobile phones

FIGURE 24 NUMBER OF SMARTPHONE AND MOBILE PHONE USERS GLOBALLY (BILLION) (2020–2025)

5.2.1.3 Escalating demand for software-defined radios to be deployed in military communication equipment

FIGURE 25 RF TUNABLE FILTER MARKET DRIVERS AND THEIR IMPACT

5.2.2 RESTRAINTS

5.2.2.1 Requirement for high capital and short life cycle of RF tunable filters

FIGURE 26 RF TUNABLE FILTER MARKET RESTRAINTS AND THEIR IMPACT

5.2.3 OPPORTUNITIES

5.2.3.1 Increased adoption of IoT by different industries

5.2.3.2 Increasing deployment of 5G technology and adoption of IoT devices

5.2.3.3 High demand for telematics and infotainment equipment from automotive sector

FIGURE 27 RF TUNABLE FILTER MARKET OPPORTUNITIES AND THEIR IMPACT

5.2.4 CHALLENGES

5.2.4.1 High regulatory barriers

5.2.4.2 Designing constant bandwidth RF tunable filters

5.2.4.3 Rising complexity and shrinking size of electronic devices

FIGURE 28 RF TUNABLE FILTER MARKET CHALLENGES AND THEIR IMPACT

5.3 SUPPLY CHAIN ANALYSIS

FIGURE 29 SUPPLY CHAIN OF RF TUNABLE FILTER MARKET

5.4 ECOSYSTEM

FIGURE 30 RF TUNABLE FILTER ECOSYSTEM

TABLE 2 LIST OF RF TUNABLE FILTER PROVIDERS

5.5 PRICING ANALYSIS

TABLE 3 AVERAGE SELLING PRICES OF RF TUNABLE FILTERS, BY TYPE

FIGURE 31 AVERAGE SELLING PRICES OF RF TUNABLE FILTERS OFFERED BY KEY PLAYERS, BY TYPE

TABLE 4 AVERAGE SELLING PRICES OF RF TUNABLE FILTERS OFFERED BY KEY PLAYERS, BY TYPE

FIGURE 32 AVERAGE SELLING PRICE TREND FOR BANDPASS AND BAND REJECT FILTERS, 2018–2027 (USD)

5.6 TRENDS/DISRUPTIONS IMPACTING BUSINESS OF MARKET PLAYERS AND RAW MATERIAL SUPPLIERS

5.6.1 REVENUE SHIFT AND NEW REVENUE POCKETS FOR RF TUNABLE FILTER MARKET PLAYERS

FIGURE 33 REVENUE SHIFT IN RF TUNABLE FILTER MARKET

5.7 TECHNOLOGY ANALYSIS

5.7.1 KEY TECHNOLOGIES

5.7.1.1 Radiofrequency

5.7.2 COMPLEMENTARY TECHNOLOGIES

5.7.2.1 MEMS technology

5.7.2.2 Bluetooth low energy (BLE)

5.8 PORTER'S FIVE FORCE ANALYSIS

TABLE 5 RF TUNABLE FILTER MARKET: PORTER'S FIVE FORCES ANALYSIS

FIGURE 34 PORTER'S FIVE FORCES ANALYSIS

5.8.1 INTENSITY OF COMPETITIVE RIVALRY

5.8.2 THREAT OF SUBSTITUTES

5.8.3 BARGAINING POWER OF BUYERS

5.8.4 BARGAINING POWER OF SUPPLIERS

5.8.5 THREAT OF NEW ENTRANTS

5.9 KEY STAKEHOLDERS & BUYING CRITERIA

5.9.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 35 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR MAJOR APPLICATIONS

TABLE 6 INFLUENCE OF STAKEHOLDERS IN BUYING PROCESS FOR MAJOR APPLICATIONS (%)

5.9.2 BUYING CRITERIA

FIGURE 36 KEY BUYING CRITERIA FOR MAJOR APPLICATION

TABLE 7 KEY BUYING CRITERIA FOR MAJOR APPLICATIONS

5.10 CASE STUDIES

TABLE 8 DEVELOPING METOP-SG SATELLITES FOR DEFENSE AND SPACE APPLICATIONS

TABLE 9 QORVO'S FILTERS HELP TO INCREASE RANGE AND EFFICIENCY OF RADIO WITHIN PACEMAKER

5.11 TRADE ANALYSIS

5.11.1 IMPORT SCENARIO

TABLE 10 IMPORT DATA, BY COUNTRY, 2017–2021 (USD BILLION)

FIGURE 37 RF TUNABLE FILTER, IMPORT VALUES FOR MAJOR COUNTRIES, 2017–2021

5.11.2 EXPORT SCENARIO

TABLE 11 EXPORT DATA, BY COUNTRY, 2017–2021 (USD BILLION)

FIGURE 38 RF TUNABLE FILTER, EXPORT VALUES FOR MAJOR COUNTRIES, 2017–2021

5.12 PATENT ANALYSIS

FIGURE 39 PATENTS GRANTED WORLDWIDE, 2012–2021

TABLE 12 TOP 20 PATENT OWNERS IN US, 2012–2021

FIGURE 40 TOP 10 COMPANIES WITH HIGHEST NUMBER OF PATENT APPLICATIONS, 2012–2021

5.13 KEY CONFERENCES AND EVENTS BETWEEN 2022 AND 2023

TABLE 13 RF TUNABLE FILTER MARKET: DETAILED LIST OF CONFERENCES AND EVENTS

5.14 TARIFFS AND REGULATIONS

5.14.1 TARIFFS

5.14.2 REGULATORY COMPLIANCE

5.14.2.1 North America

5.14.2.2 Europe

5.14.3 STANDARDS

6 RF TUNABLE FILTER MARKET, BY TYPE

6.1 INTRODUCTION

FIGURE 41 RF TUNABLE FILTER MARKET, BY TYPE

FIGURE 42 BANDPASS FILTER SEGMENT TO HOLD LARGER SHARE OF RF TUNABLE FILTER MARKET FROM 2022 TO 2027

TABLE 14 RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 15 RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 16 RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (THOUSAND UNITS)

TABLE 17 RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (THOUSAND UNITS)

6.2 BANDPASS FILTER

6.2.1 CAPABILITY OF ATTENUATING HIGH AND LOW FREQUENCIES TO FUEL DEMAND FOR BANDPASS FILTERS

TABLE 18 BANDPASS: RF TUNABLE FILTER MARKET, BY SYSTEM, 2018–2021 (USD THOUSAND)

TABLE 19 BANDPASS: RF TUNABLE FILTER MARKET, BY SYSTEM, 2022–2027 (USD THOUSAND)

TABLE 20 BANDPASS: RF TUNABLE FILTER MARKET, BY APPLICATION, 2018–2021 (USD THOUSAND)

TABLE 21 BANDPASS: RF TUNABLE FILTER MARKET, BY APPLICATION, 2022–2027 (USD THOUSAND)

TABLE 22 BANDPASS: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 23 BANDPASS: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

6.3 BAND REJECT FILTER

6.3.1 BAND REJECT FILTER SEGMENT TO REGISTER HIGHER CAGR DURING FORECAST PERIOD

TABLE 24 BAND REJECT: RF TUNABLE FILTER MARKET, BY SYSTEM, 2018–2021 (USD THOUSAND)

TABLE 25 BAND REJECT: RF TUNABLE FILTER MARKET, BY SYSTEM, 2022–2027 (USD THOUSAND)

TABLE 26 BAND REJECT: RF TUNABLE FILTER MARKET, BY APPLICATION, 2018–2021 (USD THOUSAND)

TABLE 27 BAND REJECT: RF TUNABLE FILTER MARKET, BY APPLICATION, 2022–2027 (USD THOUSAND)

TABLE 28 BAND REJECT: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 29 BAND REJECT: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

7 RF TUNABLE FILTER MARKET, BY TUNING MECHANISM

7.1 INTRODUCTION

FIGURE 43 RF TUNABLE FILTER MARKET, BY TUNING MECHANISM

FIGURE 44 MECHANICAL TUNING SEGMENT TO HOLD LARGEST SHARE OF RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, IN 2022

TABLE 30 RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD MILLION)

TABLE 31 RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD MILLION)

7.2 MECHANICAL TUNING

7.2.1 MECHANICAL TUNING SEGMENT TO LEAD RF TUNABLE FILTER MARKET

TABLE 32 MECHANICAL TUNING: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 33 MECHANICAL TUNING: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

7.3 ELECTRONIC TUNING

7.3.1 FAST TUNING SPEED OF ELECTRONICALLY TUNED RF FILTERS TO FUEL THEIR DEMAND

TABLE 34 ELECTRONIC TUNING: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 35 ELECTRONIC TUNING: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

7.4 MAGNETIC TUNING

7.4.1 MAGNETIC TUNING SEGMENT TO REGISTER HIGHEST CAGR DURING FORECAST PERIOD

TABLE 36 MAGNETIC TUNING: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 37 MAGNETIC TUNING: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

8 RF TUNABLE FILTER MARKET, BY TUNING COMPONENT

8.1 INTRODUCTION

FIGURE 45 RF TUNABLE FILTER MARKET, BY TUNING COMPONENT

FIGURE 46 VARACTOR DIODE SEGMENT TO ACCOUNT FOR LARGEST SHARE OF RF TUNABLE FILTER MARKET IN 2022

TABLE 38 RF TUNABLE FILTER MARKET, BY TUNING COMPONENT, 2018–2021 (USD MILLION)

TABLE 39 RF TUNABLE FILTER MARKET, BY TUNING COMPONENT, 2022–2027 (USD MILLION)

8.2 SURFACE ACOUSTIC WAVE (SAW) FILTER

8.2.1 SURFACE ACOUSTIC WAVE (SAW) FILTERS ARE IDEAL FOR APPLICATIONS REQUIRING UP TO 3 GHZ FREQUENCY

FIGURE 47 NORTH AMERICA TO HOLD LARGEST SHARE OF RF TUNABLE FILTER MARKET FOR SAW FILTERS IN 2022

TABLE 40 SAW FILTER: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 41 SAW FILTER: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

8.3 VARACTOR DIODE

8.3.1 VARACTOR DIODES ARE SMALL IN SIZE, LESS EXPENSIVE, LIGHT IN WEIGHT, AND HAVE HIGH TUNING SPEED

TABLE 42 VARACTOR DIODE: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 43 VARACTOR DIODE: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

8.4 MEMS CAPACITORS

8.4.1 MEMS TECHNOLOGY AND RF MEMS VARIABLE CAPACITOR-BASED TUNABLE FILTERS USED IN COMMUNICATION SYSTEMS

TABLE 44 MEMS CAPACITOR: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 45 MEMS CAPACITOR: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

8.5 OSCILLATOR FILTER

8.5.1 OSCILLATOR FILTERS ARE SUITABLE FOR COMMUNICATION APPLICATIONS

TABLE 46 OSCILLATOR FILTER: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 47 OSCILLATOR FILTER: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

8.6 DIGITALLY TUNABLE CAPACITOR

8.6.1 DIGITALLY TUNABLE CAPACITORS ARE CAPABLE OF DIGITALLY CONTROLLING VARIABLE CAPACITORS

TABLE 48 DIGITALLY TUNABLE CAPACITOR: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 49 DIGITALLY TUNABLE CAPACITOR: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

8.7 SURFACE-MOUNT DEVICE VARIANT

8.7.1 SURFACE-MOUNT DEVICE (SMD) PACKAGES ARE DEPLOYED IN CONSUMER ELECTRONIC DEVICES

FIGURE 48 ASIA PACIFIC TO REGISTER HIGHEST CAGR IN RF TUNABLE FILTER MARKET FOR SURFACE-MOUNT DEVICE VARIANTS DURING FORECAST PERIOD

TABLE 50 SURFACE-MOUNT DEVICE VARIANT: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 51 SURFACE-MOUNT DEVICE VARIANT: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

9 RF TUNABLE FILTER MARKET, BY SYSTEM

9.1 INTRODUCTION

FIGURE 49 RF TUNABLE FILTER MARKET, BY SYSTEM

FIGURE 50 HANDHELD AND POCKET RADIO SEGMENT TO CAPTURE LARGEST SHARE OF RF TUNABLE FILTER MARKET DURING FORECAST PERIOD

TABLE 52 RF TUNABLE FILTER MARKET, BY SYSTEM, 2018–2021 (USD MILLION)

TABLE 53 RF TUNABLE FILTER MARKET, BY SYSTEM, 2022–2027 (USD MILLION)

9.2 HANDHELD AND POCKET RADIO

9.2.1 RF TUNABLE FILTERS HELP ACHIEVE DESIRED FREQUENCY FOR SECURE COMMUNICATION

TABLE 54 HANDHELD AND POCKET RADIO: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 55 HANDHELD AND POCKET RADIO: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD MILLION)

FIGURE 51 NORTH AMERICA TO HOLD LARGEST SHARE OF RF TUNABLE FILTER MARKET FOR HANDHELD AND POCKET RADIOS IN 2022

TABLE 56 HANDHELD AND POCKET RADIO: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 57 HANDHELD AND POCKET RADIO: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

9.3 RADAR SYSTEM

9.3.1 RADAR SYSTEMS ARE HIGHLY USED IN MILITARY, AIR TRAFFIC CONTROL, GROUND TRAFFIC CONTROL, SPACE, AND REMOTE SENSING APPLICATIONS

TABLE 58 RADAR SYSTEM: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 59 RADAR SYSTEM: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 60 RADAR SYSTEM: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 61 RADAR SYSTEM: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

9.4 RF AMPLIFIER

9.4.1 RF AMPLIFIERS ARE IDEAL FOR AEROSPACE AND DEFENSE, INDUSTRIAL, AND HEALTHCARE APPLICATIONS

TABLE 62 RF AMPLIFIER: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD THOUSAND)

TABLE 63 RF AMPLIFIER: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

TABLE 64 RF AMPLIFIER: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 65 RF AMPLIFIER: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

9.5 SOFTWARE-DEFINED RADIO

9.5.1 SOFTWARE-DEFINED RADIO ARCHITECTURE SUPPORTS MULTI-BAND AND MULTI-STANDARD OPERATIONS

TABLE 66 SOFTWARE-DEFINED RADIO: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 67 SOFTWARE-DEFINED RADIO: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 68 SOFTWARE-DEFINED RADIO: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 69 SOFTWARE-DEFINED RADIO: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

9.6 MOBILE ANTENNA

9.6.1 RF TUNABLE FILTER REDUCES POWER AMPLIFIER NOISE

TABLE 70 MOBILE ANTENNA: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 71 MOBILE ANTENNA: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD MILLION)

FIGURE 52 ASIA PACIFIC TO REGISTER HIGHEST CAGR IN RF TUNABLE FILTER MARKET FOR MOBILE ANTENNAS DURING FORECAST PERIOD

TABLE 72 MOBILE ANTENNA: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 73 MOBILE ANTENNA: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

9.7 AVIONICS COMMUNICATION SYSTEM

9.7.1 RF TUNABLE FILTERS ARE USED FOR VOICE TRANSMISSION AND COMMUNICATION APPLICATIONS

TABLE 74 AVIONICS COMMUNICATION SYSTEM: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 75 AVIONICS COMMUNICATION SYSTEM: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 76 AVIONICS COMMUNICATION SYSTEM: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 77 AVIONICS COMMUNICATION SYSTEM: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

9.8 TEST AND MEASUREMENT INSTRUMENTS

9.8.1 TEST AND MEASUREMENT INSTRUMENTS ARE USED FOR MEASURING SIGNALS IN WIRELESS COMMUNICATION

TABLE 78 TEST AND MEASUREMENT INSTRUMENTS: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD THOUSAND)

TABLE 79 TEST AND MEASUREMENT INSTRUMENTS: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

TABLE 80 TEST AND MEASUREMENT INSTRUMENTS: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 81 TEST AND MEASUREMENT INSTRUMENTS: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

10 RF TUNABLE FILTER MARKET, BY APPLICATION

10.1 INTRODUCTION

FIGURE 53 RF TUNABLE FILTER MARKET, BY APPLICATION

FIGURE 54 AEROSPACE AND DEFENSE SEGMENT TO CAPTURE LARGEST SHARE OF RF TUNABLE FILTER MARKET IN 2022

TABLE 82 RF TUNABLE FILTER MARKET, BY APPLICATION, 2018–2021 (USD MILLION)

TABLE 83 RF TUNABLE FILTER MARKET, BY APPLICATION, 2022–2027 (USD MILLION)

10.2 AEROSPACE AND DEFENSE

10.2.1 RF TUNABLE FILTERS ENABLE SECURE COMMUNICATION IN AEROSPACE & DEFENSE INDUSTRY

TABLE 84 AEROSPACE AND DEFENSE: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 85 AEROSPACE AND DEFENSE: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD MILLION)

FIGURE 55 NORTH AMERICA TO HOLD LARGEST SHARE OF RF TUNABLE FILTER MARKET FOR AEROSPACE AND DEFENSE APPLICATION IN 2022

TABLE 86 AEROSPACE AND DEFENSE: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 87 AEROSPACE AND DEFENSE: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

10.3 ENERGY AND POWER

10.3.1 HANDHELD AND POCKET RADIOS FACILITATE EFFECTIVE COMMUNICATION IN ENERGY & POWER SECTOR

TABLE 88 ENERGY AND POWER: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD THOUSAND)

TABLE 89 ENERGY AND POWER: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

FIGURE 56 ASIA PACIFIC TO REGISTER HIGHEST CAGR IN RF TUNABLE FILTER MARKET FOR ENERGY AND POWER APPLICATION FROM 2022 TO 2027

TABLE 90 ENERGY AND POWER: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 91 ENERGY AND POWER: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

10.4 MINING

10.4.1 RFID TAGS AND COMMUNICATION SYSTEMS INCREASE OPERATIONAL EFFICIENCY OF MINING PLANTS

TABLE 92 MINING: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD THOUSAND)

TABLE 93 MINING: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

TABLE 94 MINING: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 95 MINING: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

10.5 TRANSPORTATION

10.5.1 SOFTWARE-DEFINED RADIO (SDR) AND CONNECTING DEVICES

IMPROVE COMMUNICATION IN AUTOMOTIVE INDUSTRY

TABLE 96 TRANSPORTATION: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD THOUSAND)

TABLE 97 TRANSPORTATION: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

FIGURE 57 ASIA PACIFIC TO REGISTER HIGHEST GROWTH IN RF TUNABLE FILTER MARKET FOR TRANSPORTATION APPLICATION DURING FORECAST PERIOD

TABLE 98 TRANSPORTATION: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 99 TRANSPORTATION: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

10.6 SMART CITIES

10.6.1 SMART CITIES DELIVER INNOVATIVE SERVICES AND HIGHLY DEVELOPED INFRASTRUCTURE

TABLE 100 SMART CITIES: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 101 SMART CITIES: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD MILLION)

FIGURE 58 EUROPE TO HOLD SECOND-LARGEST SHARE OF RF TUNABLE FILTER MARKET FOR SMART CITIES APPLICATION IN 2022

TABLE 102 SMART CITIES: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 103 SMART CITIES: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

10.7 TV WHITE SPACES

10.7.1 UNUSED TV BAND SPECTRUM ARE USED FOR WIRELESS APPLICATIONS

TABLE 104 TV WHITE SPACES: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD THOUSAND)

TABLE 105 TV WHITE SPACES: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

TABLE 106 TV WHITE SPACES: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 107 TV WHITE SPACES: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

10.8 HEALTHCARE

10.8.1 RF TUNABLE FILTERS OFFER WIRELESS COVERAGE THROUGHOUT HOSPITALS

TABLE 108 HEALTHCARE: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021
(USD THOUSAND)

TABLE 109 HEALTHCARE: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027
(USD THOUSAND)

TABLE 110 HEALTHCARE: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021
(USD THOUSAND)

TABLE 111 HEALTHCARE: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027
(USD THOUSAND)

11 OTHER APPLICATIONS OF RF TUNABLE FILTERS

11.1 INTRODUCTION

FIGURE 59 OTHER APPLICATIONS OF RF TUNABLE FILTER MARKET

11.2 CONSTRUCTION

11.3 PUBLIC ADMINISTRATION

11.4 RESEARCH AND DEVELOPMENT

11.5 EVENT MANAGEMENT (PROGRAM MAKING AND SPECIAL EVENTS)

12 VARIOUS FREQUENCY BANDS OF RF TUNABLE FILTERS

12.1 INTRODUCTION

FIGURE 60 VARIOUS FREQUENCY BANDS OF RF TUNABLE FILTER MARKET

12.2 L BAND

12.3 S BAND

12.4 C BAND

12.5 KU BAND

12.6 X BAND

12.7 OTHERS

13 GEOGRAPHIC ANALYSIS

13.1 INTRODUCTION

FIGURE 61 REGIONAL SPLIT OF RF TUNABLE FILTER MARKET

FIGURE 62 NORTH AMERICA TO LEAD GLOBAL RF TUNABLE FILTER MARKET IN
2022

TABLE 112 RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD MILLION)

TABLE 113 RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD MILLION)

13.2 NORTH AMERICA

FIGURE 63 NORTH AMERICA: RF TUNABLE FILTER MARKET SNAPSHOT

TABLE 114 NORTH AMERICA: RF TUNABLE FILTER MARKET, BY COUNTRY, 2018–2021 (USD THOUSAND)

TABLE 115 NORTH AMERICA: RF TUNABLE FILTER MARKET, BY COUNTRY, 2022–2027 (USD THOUSAND)

TABLE 116 NORTH AMERICA: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 117 NORTH AMERICA: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 118 NORTH AMERICA: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD MILLION)

TABLE 119 NORTH AMERICA: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD MILLION)

TABLE 120 NORTH AMERICA: RF TUNABLE FILTER MARKET, BY TUNING COMPONENT, 2018–2021 (USD THOUSAND)

TABLE 121 NORTH AMERICA: RF TUNABLE FILTER MARKET, BY TUNING COMPONENT, 2022–2027 (USD THOUSAND)

TABLE 122 NORTH AMERICA: RF TUNABLE FILTER MARKET, BY SYSTEM, 2018–2021 (USD THOUSAND)

TABLE 123 NORTH AMERICA: RF TUNABLE FILTER MARKET, BY SYSTEM, 2022–2027 (USD THOUSAND)

FIGURE 64 AEROSPACE AND DEFENSE SEGMENT TO DOMINATE RF TUNABLE FILTER MARKET IN NORTH AMERICA, BY APPLICATION, DURING FORECAST PERIOD

TABLE 124 NORTH AMERICA: RF TUNABLE FILTER MARKET, BY APPLICATION, 2018–2021 (USD THOUSAND)

TABLE 125 NORTH AMERICA: RF TUNABLE FILTER MARKET, BY APPLICATION, 2022–2027 (USD THOUSAND)

13.2.1 US

13.2.1.1 High demand for RF tunable filters in aerospace, defense, and navy sectors to drive market growth

TABLE 126 US: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 127 US: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 128 US: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD MILLION)

TABLE 129 US: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD MILLION)

13.2.2 CANADA

13.2.2.1 Canada holds second-largest share of North American market

TABLE 130 CANADA: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD THOUSAND)

TABLE 131 CANADA: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

TABLE 132 CANADA: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 133 CANADA: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD THOUSAND)

13.2.3 MEXICO

13.2.3.1 Increase in automotive manufacturing and export to fuel demand for RF tunable filters

FIGURE 65 BANDPASS FILTER SEGMENT TO DOMINATE MEXICO RF TUNABLE FILTER MARKET IN 2022

TABLE 134 MEXICO: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD THOUSAND)

TABLE 135 MEXICO: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

TABLE 136 MEXICO: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 137 MEXICO: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD THOUSAND)

13.3 EUROPE

FIGURE 66 EUROPE: RF TUNABLE FILTER MARKET SNAPSHOT

TABLE 138 EUROPE: RF TUNABLE FILTER MARKET, BY COUNTRY, 2018–2021 (USD THOUSAND)

TABLE 139 EUROPE: RF TUNABLE FILTER MARKET, BY COUNTRY, 2022–2027 (USD THOUSAND)

TABLE 140 EUROPE: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 141 EUROPE: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD MILLION)

FIGURE 67 MECHANICAL TUNING SEGMENT TO CAPTURE LARGEST SHARE OF RF TUNABLE FILTER MARKET IN EUROPE DURING FORECAST PERIOD

TABLE 142 EUROPE: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 143 EUROPE: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD THOUSAND)

TABLE 144 EUROPE: RF TUNABLE FILTER MARKET, BY TUNING COMPONENT,

2018–2021 (USD THOUSAND)

TABLE 145 EUROPE: RF TUNABLE FILTER MARKET, BY TUNING COMPONENT, 2022–2027 (USD THOUSAND)

TABLE 146 EUROPE: RF TUNABLE FILTER MARKET, BY SYSTEM, 2018–2021 (USD THOUSAND)

TABLE 147 EUROPE: RF TUNABLE FILTER MARKET, BY SYSTEM, 2022–2027 (USD THOUSAND)

TABLE 148 EUROPE: RF TUNABLE FILTER MARKET, BY APPLICATION, 2018–2021 (USD THOUSAND)

TABLE 149 EUROPE: RF TUNABLE FILTER MARKET, BY APPLICATION, 2022–2027 (USD THOUSAND)

13.3.1 UK

13.3.1.1 Digital services with high-speed data networking to drive market growth in UK

FIGURE 68 BANDPASS FILTER SEGMENT TO HOLD LARGER SHARE OF RF TUNABLE FILTER MARKET IN UK DURING FORECAST PERIOD

TABLE 150 UK: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD THOUSAND)

TABLE 151 UK: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

TABLE 152 UK: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 153 UK: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD THOUSAND)

13.3.2 GERMANY

13.3.2.1 Technological innovations related to automotive industry are driving market growth in Germany

TABLE 154 GERMANY: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD THOUSAND)

TABLE 155 GERMANY: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

TABLE 156 GERMANY: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 157 GERMANY: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD THOUSAND)

13.3.3 FRANCE

13.3.3.1 Urgent need for strong security measures and public safety in France to spur market growth

TABLE 158 FRANCE: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD

THOUSAND)

TABLE 159 FRANCE: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

TABLE 160 FRANCE: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 161 FRANCE: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD THOUSAND)

13.3.4 REST OF EUROPE

TABLE 162 REST OF EUROPE: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD THOUSAND)

TABLE 163 REST OF EUROPE: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

TABLE 164 REST OF EUROPE: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 165 REST OF EUROPE: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD THOUSAND)

13.4 ASIA PACIFIC

FIGURE 69 ASIA PACIFIC: RF TUNABLE FILTER MARKET SNAPSHOT

TABLE 166 ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY COUNTRY, 2018–2021 (USD THOUSAND)

TABLE 167 ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY COUNTRY, 2022–2027 (USD THOUSAND)

TABLE 168 ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 169 ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 170 ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 171 ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD THOUSAND)

FIGURE 70 MEMS CAPACITOR SEGMENT TO DOMINATE RF TUNABLE FILTER MARKET IN ASIA PACIFIC DURING FORECAST PERIOD

TABLE 172 ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY TUNING COMPONENT, 2018–2021 (USD THOUSAND)

TABLE 173 ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY TUNING COMPONENT, 2022–2027 (USD THOUSAND)

TABLE 174 ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY SYSTEM, 2018–2021 (USD THOUSAND)

TABLE 175 ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY SYSTEM, 2022–2027

(USD THOUSAND)

TABLE 176 ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY APPLICATION, 2018–2021 (USD THOUSAND)

TABLE 177 ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY APPLICATION, 2022–2027 (USD THOUSAND)

13.4.1 CHINA

13.4.1.1 Large presence of airports and consumer electronics manufacturers to propel RF tunable filter demand in China

TABLE 178 CHINA: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD MILLION)

TABLE 179 CHINA: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD MILLION)

TABLE 180 CHINA: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 181 CHINA: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD THOUSAND)

13.4.2 JAPAN

13.4.2.1 Deployment of 5G network infrastructure to spur market growth in Japan

TABLE 182 JAPAN: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD THOUSAND)

TABLE 183 JAPAN: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

TABLE 184 JAPAN: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 185 JAPAN: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD THOUSAND)

13.4.3 INDIA

13.4.3.1 Affordability of internet-enabled devices is driving their demand in India

TABLE 186 INDIA: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD THOUSAND)

TABLE 187 INDIA: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

TABLE 188 INDIA: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 189 INDIA: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD THOUSAND)

13.4.4 SOUTH KOREA

13.4.4.1 Roll out of commercial 5G network to drive market growth

TABLE 190 SOUTH KOREA: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021

(USD THOUSAND)

TABLE 191 SOUTH KOREA: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027

(USD THOUSAND)

TABLE 192 SOUTH KOREA: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 193 SOUTH KOREA: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD THOUSAND)

13.4.5 REST OF ASIA PACIFIC

TABLE 194 REST OF ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD THOUSAND)

TABLE 195 REST OF ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

TABLE 196 REST OF ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 197 REST OF ASIA PACIFIC: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD THOUSAND)

13.5 ROW

TABLE 198 ROW: RF TUNABLE FILTER MARKET, BY REGION, 2018–2021 (USD THOUSAND)

TABLE 199 ROW: RF TUNABLE FILTER MARKET, BY REGION, 2022–2027 (USD THOUSAND)

TABLE 200 ROW: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021 (USD THOUSAND)

TABLE 201 ROW: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027 (USD THOUSAND)

FIGURE 71 MECHANICAL TUNING SEGMENT TO LEAD RF TUNABLE FILTER MARKET IN ROW IN 2022

TABLE 202 ROW: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 203 ROW: RF TUNABLE FILTER MARKET, BY TUNING MECHANISM, 2022–2027 (USD THOUSAND)

TABLE 204 ROW: RF TUNABLE FILTER MARKET, BY TUNING COMPONENT, 2018–2021 (USD THOUSAND)

TABLE 205 ROW: RF TUNABLE FILTER MARKET, BY TUNING COMPONENT, 2022–2027 (USD THOUSAND)

TABLE 206 ROW: RF TUNABLE FILTER MARKET, BY SYSTEM, 2018–2021 (USD THOUSAND)

TABLE 207 ROW: RF TUNABLE FILTER MARKET, BY SYSTEM, 2022–2027 (USD THOUSAND)

TABLE 208 ROW: RF TUNABLE FILTER MARKET, BY APPLICATION, 2018–2021
(USD THOUSAND)

TABLE 209 ROW: RF TUNABLE FILTER MARKET, BY APPLICATION, 2022–2027
(USD THOUSAND)

13.5.1 MIDDLE EAST & AFRICA

13.5.1.1 Middle East & Africa to account for larger share of RF tunable filter market in
RoW

TABLE 210 MIDDLE EAST & AFRICA: RF TUNABLE FILTER MARKET, BY TYPE,
2018–2021 (USD THOUSAND)

TABLE 211 MIDDLE EAST & AFRICA: RF TUNABLE FILTER MARKET, BY TYPE,
2022–2027 (USD THOUSAND)

TABLE 212 MIDDLE EAST & AFRICA: RF TUNABLE FILTER MARKET, BY TUNING
MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 213 MIDDLE EAST & AFRICA: RF TUNABLE FILTER MARKET, BY TUNING
MECHANISM, 2022–2027 (USD THOUSAND)

13.5.2 SOUTH AMERICA

13.5.2.1 South America to register higher CAGR during review period

TABLE 214 SOUTH AMERICA: RF TUNABLE FILTER MARKET, BY TYPE, 2018–2021
(USD THOUSAND)

TABLE 215 SOUTH AMERICA: RF TUNABLE FILTER MARKET, BY TYPE, 2022–2027
(USD THOUSAND)

TABLE 216 SOUTH AMERICA: RF TUNABLE FILTER MARKET, BY TUNING
MECHANISM, 2018–2021 (USD THOUSAND)

TABLE 217 SOUTH AMERICA: RF TUNABLE FILTER MARKET, BY TUNING
MECHANISM, 2022–2027 (USD THOUSAND)

14 COMPETITIVE LANDSCAPE

14.1 OVERVIEW

14.2 MARKET EVALUATION FRAMEWORK

TABLE 218 REVIEW OF STRATEGIES DEPLOYED BY KEY RF TUNABLE FILTER
MANUFACTURERS

14.2.1 PRODUCT PORTFOLIO

14.2.2 REGIONAL FOCUS

14.2.3 MANUFACTURING FOOTPRINT

14.2.4 ORGANIC/INORGANIC STRATEGIES

14.3 MARKET SHARE ANALYSIS, 2021

TABLE 219 MARKET SHARE ANALYSIS OF TOP 5 COMPANIES (2021)

14.4 FIVE-YEAR COMPANY REVENUE ANALYSIS

FIGURE 72 FIVE-YEAR REVENUE ANALYSIS OF TOP 5 PLAYERS IN RF TUNABLE FILTER MARKET, 2017–2021

14.5 COMPANY EVALUATION QUADRANT

14.5.1 STAR

14.5.2 EMERGING LEADER

14.5.3 PERVASIVE

14.5.4 PARTICIPANT

FIGURE 73 RF TUNABLE FILTER MARKET: COMPANY EVALUATION QUADRANT, 2021

14.6 STARTUP/SME EVALUATION MATRIX

14.6.1 COMPETITIVE BENCHMARKING

TABLE 220 RF TUNABLE FILTER MARKET: DETAILED LIST OF KEY STARTUPS/SME PLAYERS

TABLE 221 RF TUNABLE FILTER MARKET: COMPETITIVE BENCHMARKING OF KEY PLAYERS (STARTUPS/SME COMPANIES)

14.6.2 PROGRESSIVE COMPANY

14.6.3 RESPONSIVE COMPANY

14.6.4 DYNAMIC COMPANY

14.6.5 STARTING BLOCKS

FIGURE 74 RF TUNABLE FILTER MARKET: START-UP/SME EVALUATION MATRIX, 2021

TABLE 222 COMPANY TYPE FOOTPRINT

TABLE 223 COMPANY APPLICATION FOOTPRINT

TABLE 224 COMPANY REGIONAL FOOTPRINT

TABLE 225 COMPANY FOOTPRINT

14.7 COMPETITIVE SCENARIO

14.7.1 PRODUCT LAUNCHES

TABLE 226 PRODUCT LAUNCHES, JANUARY 2019–DECEMBER 2022

14.7.2 DEALS

TABLE 227 DEALS, JANUARY 2019–DECEMBER 2022

14.7.3 OTHERS

TABLE 228 EXPANSION, JANUARY 2019–DECEMBER 2022

15 COMPANY PROFILES

15.1 KEY PLAYERS

(Business Overview, Products & Solutions, Recent Developments, MnM View)*

15.1.1 ANALOG DEVICES, INC.

TABLE 229 ANALOG DEVICES, INC.: BUSINESS OVERVIEW

FIGURE 75 ANALOG DEVICES, INC.: COMPANY SNAPSHOT

15.1.2 DOVER CORPORATION

TABLE 230 DOVER CORPORATION: BUSINESS OVERVIEW

FIGURE 76 DOVER CORPORATION: COMPANY SNAPSHOT

15.1.3 SMITHS GROUP PLC

TABLE 231 SMITHS GROUP PLC: BUSINESS OVERVIEW

FIGURE 77 SMITHS GROUP PLC: COMPANY SNAPSHOT

15.1.4 THE LGL GROUP, INC.

TABLE 232 THE LGL GROUP, INC.: BUSINESS OVERVIEW

FIGURE 78 THE LGL GROUP, INC.: COMPANY SNAPSHOT

15.1.5 EXFO INC.

TABLE 233 EXFO INC.: BUSINESS OVERVIEW

15.1.6 DICON FIBEROPTICS, INC.

TABLE 234 DICON FIBEROPTICS, INC.: BUSINESS OVERVIEW

15.1.7 NETCOM, INC.

TABLE 235 NETCOM, INC.: BUSINESS OVERVIEW

15.1.8 RF PRODUCTS INC.

TABLE 236 RF PRODUCTS INC.: BUSINESS OVERVIEW

15.1.9 TELONIC BERKELEY CORPORATION

TABLE 237 TELONIC BERKELEY CORPORATION: BUSINESS OVERVIEW

15.1.10 COLEMAN MICROWAVE COMPANY

TABLE 238 COLEMAN MICROWAVE COMPANY: BUSINESS OVERVIEW

*Details on Business Overview, Products & Solutions, Recent Developments, MnM View might not be captured in case of unlisted companies.

15.2 OTHER PLAYERS

15.2.1 MERCURY SYSTEMS, INC. (ATLANTA MICRO, INC.)

15.2.2 QORVO, INC.

15.2.3 MURATA MANUFACTURING CO., LTD. (PSEMI)

15.2.4 FILTRONETICS INC.

15.2.5 WAINWRIGHT INSTRUMENTS GMBH

15.2.6 AKOUSTIS TECHNOLOGIES, INC.

15.2.7 THORLABS, INC.

15.2.8 TEMWELL CORPORATION

15.2.9 MARKI MICROWAVE, INC.

15.2.10 FLANN MICROWAVE LTD.

15.2.11 MICROWAVE FILTER COMPANY INC.

15.2.12 VANLONG TECHNOLOGY CO., LTD.

15.2.13 AAC TECHNOLOGIES HOLDINGS INC. (WISPRY)

15.2.14 NEWEDGE SIGNAL SOLUTIONS INC.

15.2.15 EI WAVE DIGITECH (I) PVT LTD.

16 APPENDIX

16.1 DISCUSSION GUIDE

16.2 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

16.3 AVAILABLE CUSTOMIZATION

16.4 RELATED REPORTS

16.5 AUTHOR DETAILS

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