

# **Tunable Filter Market by Type (Liquid Crystal, Acousto-Optic, Linear-Variable), System Type (Software-Defined Radios, Handheld Radios, Radar Systems, Spectrometers, Communication Systems), Application, and Geography - Global Forecast to 2023**

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## **Abstracts**

“The tunable filter market to grow at a CAGR of 8.86% between 2017 and 2023”

The tunable filter market is estimated to grow from USD 122.0 million in 2017 to USD 203.1 million by 2023, at a CAGR of 8.86% between 2017 and 2023. Factors such as the adoption of acousto-optic tunable filters (AOTFs) for various medical and commercial applications and implementation of liquid crystal tunable filters for highly demanding machine vision applications are driving the growth of the tunable filter market, while the high initial cost and R&D expenses are the factors restraining the tunable filter market growth.

“Military application held the largest market share in 2016”

Tunable filters are provided for all key military communications and surveillance platforms that are used throughout the world. Tunable filters have been used for performing high-quality communications based on requirements during harsh environmental conditions and critical places. These military applications require communication and surveillance systems with environmental, electromagnetic capability, nuclear survivability, and electrical characteristics of digital interfaces. So, the military applications held the largest share of the tunable filter market in 2016.

“Tunable filter market in APAC is expected to grow at the highest CAGR during the forecast period”

This report covers the tunable filter market in North America, Europe, APAC, and RoW. The tunable filter market in APAC is expected to grow at the highest CAGR between 2017 and 2023. The growth of the tunable filter market in APAC can be attributed to the rapid adoption of wireless communication technologies by emerging countries such as China and India.

Breakdown of profiles of primary participants:

By Company Type: Tier 1 = 30%, Tier 2 = 35%, and Tier 3 = 35%

By Designation: C-Level Executives = 35%, Directors = 40%, and Others = 25%

By Region: North America = 40%, Europe = 25%, APAC = 30%, and RoW = 5%

The key players in the tunable filter market profiled in this report include Santec Corporation (Japan), Semrock (US), EXFO (Canada), Dover Corporation (US), Gooch & Housego (UK), Brimrose Corporation of America (US), Kent Optronics (US), Micron Optics (US), Thorlabs (US), DiCon Fiberoptics (US), AA Opto Electronic (France), Netcom, Inc. (US), Coleman Microwave (US), Delta Optical Thin Film (Denmark), and Smiths Interconnect (UK and US).?

Research Coverage:

The report provides a comprehensive analysis of the tunable filter market segmented on the basis of type, system type, application, and geography. This report aims to estimate the size and future growth potential of the tunable filter market across the above-mentioned segments. The report also includes an in-depth analysis of the key players in this market, along with their company profiles, product offerings, recent developments, and key market strategies.

Reasons to Buy the Report:

Major drivers, restraints, challenges, and opportunities for the growth of the tunable filter market have been analyzed in this report.

Illustrative segmentation, analysis, and forecast by type, system type, application, and geography have been performed to provide the overall view of

the tunable filter market.

This report will help stakeholders better understand their competitors and gain insights on ways to improve their position in the business. The competitive landscape section includes the competitor ecosystem, product launches, and mergers & acquisitions.

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