

Quarter-Wave Mirror Market, Global Outlook and Forecast 2022-2028

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Abstracts

A quarter-wave mirror, also called a Bragg mirror, is usually a dielectric mirror (or semiconductor mirror) structure which consists of an alternating sequence of layers of two different optical materials, with each optical layer thickness corresponding to one-quarter of the wavelength for which the mirror is designed. Here, the wavelength is taken to be the wavelength within the material, not the vacuum wavelength. For a given wavelength and number of layer pairs, a quarter-wave mirror is the structure which can result in the highest reflectivity.

This report contains market size and forecasts of Quarter-Wave Mirror in global, including the following market information:

Global Quarter-Wave Mirror Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Quarter-Wave Mirror Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Quarter-Wave Mirror companies in 2021 (%)

The global Quarter-Wave Mirror market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Magnesium Fluoride Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Quarter-Wave Mirror include Advanced Optics, BATOP, Optical Mirror, First Surface Mirror, SIGMAKOKI, Thorlabs, Optics Balzers, REO (Excelitas Technologies) and CVI Laser Optics (IDEX Optical), etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Quarter-Wave Mirror manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Quarter-Wave Mirror Market, by Material, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Quarter-Wave Mirror Market Segment Percentages, by Material, 2021 (%)

Magnesium Fluoride

Silicon Dioxide

Tantalum Pentoxide

Zinc Sulfide

Titanium Dioxide

Fiber

Others

Global Quarter-Wave Mirror Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Quarter-Wave Mirror Market Segment Percentages, by Application, 2021 (%)

Optics

Physics

Aerospace Engineering

Astronomy

Barcode Scanner

Global Quarter-Wave Mirror Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Quarter-Wave Mirror Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Quarter-Wave Mirror revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Quarter-Wave Mirror revenues share in global market, 2021 (%)

Key companies Quarter-Wave Mirror sales in global market, 2017-2022 (Estimated), (K
Units)

Key companies Quarter-Wave Mirror sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Advanced Optics

BATOP

Optical Mirror

First Surface Mirror

SIGMAKOKI

Thorlabs

Optics Balzers

REO (Excelitas Technologies)

CVI Laser Optics (IDEX Optical)

Newport (MKS Instruments)

Edmund Optics

OPTOMAN

Altechna

EKSMA Optics

Lambda Research Optics

Alluxa

Laser Components

Solaris Optics

Shanghai Optics

Union Optic

Changchun Yutai Optics

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