

Fixed Carbon Film Resistors Market, Global Outlook and Forecast 2022-2028

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Abstracts

A carbon film is deposited on an insulating substrate, and a helix is cut in it to create a long, narrow resistive path. Varying shapes, coupled with the resistivity of amorphous carbon (ranging from 500 to 800 $\Omega \cdot m$), can provide a wide range of resistance values. Compared to carbon composition they feature low noise, because of the precise distribution of the pure graphite without binding. Carbon film resistors feature a power rating range of 0.125 W to 5 W at 70 °C. Resistances available range from 1 ohm to 10 megohm. The carbon film resistor has an operating temperature range of 55 °C to 155 °C. It has 200 to 600 volts maximum working voltage range. Special carbon film resistors are used in applications requiring high pulse stability.

This report contains market size and forecasts of Fixed Carbon Film Resistors in global, including the following market information:

Global Fixed Carbon Film Resistors Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Fixed Carbon Film Resistors Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Fixed Carbon Film Resistors companies in 2021 (%)

The global Fixed Carbon Film Resistors market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

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

1% Resistance Tolerance Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Fixed Carbon Film Resistors include Vishay, Yageo, Xicon, KOA, Ohmite, Parallax, TE Connectivity, TT Electronics and Jameco Electronics, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Fixed Carbon Film Resistors 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 Fixed Carbon Film Resistors Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Fixed Carbon Film Resistors Market Segment Percentages, by Type, 2021 (%)

1% Resistance Tolerance

2% Resistance Tolerance

5% Resistance Tolerance

Others

Global Fixed Carbon Film Resistors Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Fixed Carbon Film Resistors Market Segment Percentages, by Application, 2021 (%)

Electronics and Appliances

Communication Products

Others

Global Fixed Carbon Film Resistors Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (K Units)

Global Fixed Carbon Film Resistors 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 Fixed Carbon Film Resistors revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Fixed Carbon Film Resistors revenues share in global market, 2021 (%)

Key companies Fixed Carbon Film Resistors sales in global market, 2017-2022
(Estimated), (K Units)

Key companies Fixed Carbon Film Resistors sales share in global market, 2021 (%)

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

Vishay

Yageo

Xicon

KOA

Ohmite

Parallax

TE Connectivity

TT Electronics

Jameco Electronics

Panasonic

IBS Electronics

Uniohm

Taiwan Resistor

ETI Systems

Tyson

Hokuriku Electric Industry

TAI ELECTRONIC

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