

EMI Shielding Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview 2023-2028:

The global EMI shielding market size reached US\$ 7.0 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 9.3 Billion by 2028, exhibiting a growth rate (CAGR) of 5.05% during 2023-2028.

Electromagnetic interference (EMI) shielding refers to the process of preventing radio frequency interference (RFI) from damaging sensitive mechanical devices. It involves screening through conductive coatings, metals and laminates, made using copper, aluminum and stainless steel to absorb EMI that is transmitted through the air. It also obstructs the electromagnetic field within a physical space by using barriers of conductive or magnetic materials and minimizes corrosion and oxidation. Owing to this, it finds extensive applications across various industries, including automotive, defense, military, aerospace, healthcare, telecommunications and information technology (IT).

EMI Shielding Market Trends:

Rapid industrialization is one of the key factors driving the growth of the market. Furthermore, widespread utilization of EMI shielding in consumer electronics is also providing a boost to the market growth. In line with this, product manufacturers are using conductive coatings and paints that offer EMI shielding for non-metallic surfaces and plastics in smartphones and telecommunication, medical and military devices. Apart from this, significant growth in the automotive industry is also creating a positive impact on the market growth. EMI shielding is extensively used in this industry in GPS navigation and infotainment systems, hands-free features and Bluetooth devices to ensure minimal EMI and optimal performance of the equipment. Other factors, including

various advancements in the 4G and 5G network technologies, along with the implementation of favorable government policies to minimize electromagnetic radiations in the environment, are projected to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global EMI shielding market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on material, shielding method and end-use industry.

Breakup by Material:

- EMI Shielding Tapes and Laminates
- Conductive Coatings and Paints
- Metal Shielding
- Conductive Polymers
- EMI/EMC Filters
- Others

Breakup by Shielding Method:

- Radiation
- Conduction

Breakup by End-Use Industry:

Consumer Electronics

- Smartphones
- Tablets
- Television
- Others

Telecom and IT

- Automotive
- Healthcare

Defense and Aerospace
Others

Breakup by Region:

North America

United States
Canada

Asia Pacific

China
Japan
India
South Korea
Australia
Indonesia
Others

Europe

Germany
France
United Kingdom
Italy
Spain
Russia
Others

Latin America

Brazil
Mexico
Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined with some of the key players being 3M Company, Parker Chomerics (Parker Hannifin Corporation), Dow Inc., ETS-Lindgren (ESCO Technologies Holding Inc), Henkel AG & Co. KGaA, Kitagawa Industries (Nitto Kogyo Corporation), Laird Technologies Inc. (Advent International), Leader Tech Inc. (HEICO Corporation), PPG Industries, RTP Company (Miller Waste Mills Inc.), Schaffner Holding AG and Tech-Etch Inc., etc.

Key Questions Answered in This Report:

What was the size of the global EMI shielding market in 2022?

What is the expected growth rate of the global EMI shielding market during 2023-2028?

What are the key factors driving the global EMI shielding market?

What has been the impact of COVID-19 on the global EMI shielding market?

What is the breakup of the global EMI shielding market based on the material?

What is the breakup of the global EMI shielding market based on the shielding method?

What is the breakup of the global EMI shielding market based on end-use industry?

What are the key regions in the global EMI shielding market?

Who are the key players/companies in the global EMI shielding market?

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