

# Global Photonic Metamaterial Industry Research Report 2020, Forecast to 2025

https://marketpublishers.com/r/GB17D9007887EN.html

Date: September 2020

Pages: 105

Price: US\$ 2,560.00 (Single User License)

ID: GB17D9007887EN

### **Abstracts**

The report requires updating with new data and is sent in 48 hours after order is placed.

The Photonic Metamaterial market was valued at US\$ xx in 2019, prior to COVID-19. Whereas post-COVID-19 scenario, the market for Photonic Metamaterial is projected to grow from US\$ xx million in 2020, and is projected to reach xx by 2025, at a CAGR of xx% during the forecast period. Projected and forecast revenue values are in constant U.S. dollars, unadjusted for inflation. Product values are estimated based on manufacturers' revenue.

The report offers detailed coverage of Photonic Metamaterial industry and main market trends. The market research includes historical and forecast market data, demand, application details, price trends, and company shares of the leading Photonic Metamaterial by geography. The report splits the market size, by volume and value, on the basis of application type and geography.

In addition to this data, the report provides insight into drivers of market demand and strategies of suppliers. Key players are profiled, and their market shares in the global Photonic Metamaterial market are discussed.

The market is segmented by types:

Flexible Material

Hard Material



It can be also divided by applications:
Communication
Solar
Medical Imaging
And this report covers the historical situation, present status and the future prospects o the global Photonic Metamaterial market for 2015-2025. In this report, we analyze global market from 5 geographies: Asia-Pacific, Europe, North America, Middle East & Africa, South America.
Finally, the report provides detailed profile and data information analysis of leading company.
Echodyne
RP Photonics
Kymeta Corporation
PARC
Metamaterial Technologies
Report Includes:
xx data tables and xx additional tables
An overview of global Photonic Metamaterial market
An detailed key players analysis across regions
Analyses of global market trends, with historical data, estimates for 2020 and projections of compound annual growth rates (CAGRs) through 2025



Insights into regulatory and environmental developments

Information on the supply and demand scenario and evaluation of technological and investment opportunities in the Photonic Metamaterial market

Profiles of major players in the industry, including Echodyne, RP Photonics, Kymeta Corporation, PARC, Metamaterial Technologies.....

#### Research Objectives

To study and analyze the global Photonic Metamaterial consumption (value & volume) by key regions/countries, product type and application, history data from 2015 to 2019, and forecast to 2025.

To understand the structure of Photonic Metamaterial market by identifying its various subsegments.

Focuses on the key global Photonic Metamaterial manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, Porter's five forces analysis, SWOT analysis and development plans in next few years.

To analyze the Photonic Metamaterial with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of Photonic Metamaterial submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.



#### **Contents**

Global Photonic Metamaterial Market Report 2020, Forecast to 2025

#### 1 SCOPE OF THE STUDY

- 1.1 Photonic Metamaterial Introduction
- 1.2 Research Programs
- 1.3 Analysis of Macroeconomic Indicators
- 1.4 Years Considered
- 1.5 Methodology
- 1.6 Data Source
- 1.7 Research Objectives

#### 2 PHOTONIC METAMATERIAL INDUSTRY OVERVIEW

- 2.1 Global Photonic Metamaterial Market Size (Million USD) Comparison by Regions (2020-2025)
  - 2.1.1 Photonic Metamaterial Global Import Market Analysis
  - 2.1.2 Photonic Metamaterial Global Export Market Analysis
  - 2.1.3 Photonic Metamaterial Global Main Region Market Analysis
- 2.2 Market Analysis by Type
  - 2.2.1 Flexible Material
  - 2.2.2 Hard Material
- 2.3 Market Analysis by Application
  - 2.3.1 Communication
  - 2.3.2 Solar
  - 2.3.3 Medical Imaging
- 2.4 Global Photonic Metamaterial Revenue, Sales and Market Share by Manufacturer
- 2.4.1 Global Photonic Metamaterial Sales and Market Share by Manufacturer (2018-2020)
- 2.4.2 Global Photonic Metamaterial Revenue and Market Share by Manufacturer (2018-2020)
- 2.4.3 Global Photonic Metamaterial Industry Concentration Ratio (CR5 and HHI)
- 2.4.4 Top 5 Photonic Metamaterial Manufacturer Market Share
- 2.4.5 Top 10 Photonic Metamaterial Manufacturer Market Share
- 2.4.6 Date of Key Manufacturers Enter into Photonic Metamaterial Market
- 2.4.7 Key Manufacturers Photonic Metamaterial Product Offered
- 2.4.8 Mergers & Acquisitions Planning



- 2.5 Photonic Metamaterial Historical Development Overview
- 2.6 Market Dynamics
  - 2.6.1 Market Opportunities
  - 2.6.2 Market Risk
  - 2.6.3 Market Driving Force
  - 2.6.4 Porter's Five Forces Analysis
- 2.7 Coronavirus Disease 2019 (Covid-19): Photonic Metamaterial Industry Impact
  - 2.7.1 How the Covid-19 is Affecting the Photonic Metamaterial Industry
  - 2.7.2 Photonic Metamaterial Business Impact Assessment Covid-19
- 2.7.3 Market Trends and Photonic Metamaterial Potential Opportunities in the COVID-19 Landscape
  - 2.7.4 Measures / Proposal against Covid-19

#### 3 UPSTREAM AND DOWNSTREAM MARKET ANALYSIS

- 3.1 Upstream Analysis
  - 3.1.1 Macro Analysis of Upstream Markets
  - 3.1.2 Key Players in Upstream Markets
  - 3.1.3 Upstream Market Trend Analysis
  - 3.1.4 Photonic Metamaterial Manufacturing Cost Analysis
- 3.2 Downstream Market Analysis
  - 3.2.1 Macro Analysis of Down Markets
  - 3.2.2 Key Players in Down Markets
  - 3.2.3 Downstream Market Trend Analysis
  - 3.2.4 Sales Channel, Distributors, Traders and Dealers

# 4 GLOBAL PHOTONIC METAMATERIAL MARKET SIZE CATEGORIZED BY REGIONS (2015-2020)

- 4.1 Global Photonic Metamaterial Sales Market Share by Region
- 4.2 Global Photonic Metamaterial Revenue Market Share by Region (2015-2019)
- 4.3 Global Photonic Metamaterial Sales, Revenue, Price and Gross Margin (2015-2020)
- 4.4 North America Photonic Metamaterial Market Size Detail
  - 4.4.1 North America Photonic Metamaterial Sales Growth Rate (2015-2020)
- 4.4.2 North America Photonic Metamaterial Sales, Revenue, Price and Gross Margin (2015-2020)
- 4.5 Europe Photonic Metamaterial Market Size Detail
- 4.5.1 Europe Photonic Metamaterial Sales Growth Rate (2015-2020)
- 4.5.2 Europe Photonic Metamaterial Sales, Revenue, Price and Gross Margin



(2015-2020)

- 4.6 Japan Photonic Metamaterial Market Size Detail
- 4.6.1 Japan Photonic Metamaterial Sales Growth Rate (2015-2020)
- 4.6.2 Japan Photonic Metamaterial Sales, Revenue, Price and Gross Margin (2015-2020)
- 4.7 China Photonic Metamaterial Market Size Detail
  - 4.7.1 China Photonic Metamaterial Sales Growth Rate (2015-2020)
- 4.7.2 China Photonic Metamaterial Sales, Revenue, Price and Gross Margin (2015-2020)

#### **5 GLOBAL PHOTONIC METAMATERIAL MARKET SEGMENT BY TYPE**

- 5.1 Global Photonic Metamaterial Revenue, Sales and Market Share by Type (2015-2020)
  - 5.1.1 Global Photonic Metamaterial Sales and Market Share by Type (2015-2020)
  - 5.1.2 Global Photonic Metamaterial Revenue and Market Share by Type (2015-2020)
- 5.2 Flexible Material Sales Growth Rate and Price
  - 5.2.1 Global Flexible Material Sales Growth Rate (2015-2020)
  - 5.2.2 Global Flexible Material Price (2015-2020)
- 5.3 Hard Material Sales Growth Rate and Price
  - 5.3.1 Global Hard Material Sales Growth Rate (2015-2020)
  - 5.3.2 Global Hard Material Price (2015-2020)

#### 6 GLOBAL PHOTONIC METAMATERIAL MARKET SEGMENT BY APPLICATION

- 6.1 Global Photonic MetamaterialSales Market Share by Application (2015-2020)
- 6.2 Communication Sales Growth Rate (2015-2020)
- 6.3 Solar Sales Growth Rate (2015-2020)
- 6.4 Medical Imaging Sales Growth Rate (2015-2020)

#### 7 GLOBAL PHOTONIC METAMATERIAL MARKET FORECAST

- 7.1 Global Photonic Metamaterial Sales, Revenue Forecast
  - 7.1.1 Global Photonic Metamaterial Sales Growth Rate Forecast (2020-2025)
  - 7.1.2 Global Photonic Metamaterial Revenue and Growth Rate Forecast (2020-2025)
  - 7.1.3 Global Photonic Metamaterial Price and Trend Forecast (2020-2025)
- 7.2 Global Photonic Metamaterial Sales Forecast by Region (2020-2025)
- 7.2.1 North America Photonic Metamaterial Sales, Revenue Forecast (2020-2025)
- 7.2.2 Europe Photonic Metamaterial Sales, Revenue Forecast (2020-2025)



- 7.2.3 Japan Photonic Metamaterial Production, Revenue Forecast (2020-2025)
- 7.2.4 China Photonic Metamaterial Production, Revenue Forecast (2020-2025)

#### 8 ANALYSIS OF PHOTONIC METAMATERIAL INDUSTRY KEY MANUFACTURERS

- 8.1 Echodyne
  - 8.1.1 Company Details
  - 8.1.2 Product Information
- 8.1.3 Echodyne Photonic Metamaterial Production, Price, Cost, Gross Margin, and Revenue (2018-2020)
  - 8.1.4 Main Business Overview
  - 8.1.5 Echodyne News
- 8.2 RP Photonics
  - 8.2.1 Company Details
  - 8.2.2 Product Information
- 8.2.3 RP Photonics Photonic Metamaterial Production, Price, Cost, Gross Margin, and Revenue (2018-2020)
  - 8.2.4 Main Business Overview
  - 8.2.5 RP Photonics News
- 8.3 Kymeta Corporation
  - 8.3.1 Company Details
  - 8.3.2 Product Information
- 8.3.3 Kymeta Corporation Photonic Metamaterial Production, Price, Cost, Gross Margin, and Revenue (2018-2020)
  - 8.3.4 Main Business Overview
  - 8.3.5 Kymeta Corporation News
- **8.4 PARC** 
  - 8.4.1 Company Details
  - 8.4.2 Product Information
- 8.4.3 PARC Photonic Metamaterial Production, Price, Cost, Gross Margin, and Revenue (2018-2020)
- 8.4.4 Main Business Overview
- 8.4.5 PARC News
- 8.5 Metamaterial Technologies
  - 8.5.1 Company Details
  - 8.5.2 Product Information
  - 8.5.3 Metamaterial Technologies Photonic Metamaterial Production, Price, Cost,
- Gross Margin, and Revenue (2018-2020)
  - 8.5.4 Main Business Overview



# 8.5.5 Metamaterial Technologies News

# 9 RESEARCH FINDINGS AND CONCLUSION

**10 APPENDIX** 



## **List Of Tables**

#### LIST OF TABLES AND FIGURES

Figure Photonic Metamaterial Picture

Figure Research Programs/Design for This Report

Figure Global Photonic Metamaterial Market by Regions (2019)

Table Global Market Photonic Metamaterial Comparison by Regions (M USD)

2019-2025

Table Global Photonic Metamaterial Sales Growth (CAGR) (2019-2025) by Type

Figure Global Sales Market Share of Photonic Metamaterial by Type in 2019

Figure Flexible Material Picture

Figure Hard Material Picture

Table Global Photonic Metamaterial Sales by Application (2019-2025)

Figure Global Photonic Metamaterial Sales Market Share by Application in 2019

Figure Communication Picture

Figure Solar Picture

Figure Medical Imaging Picture

Table Global Photonic Metamaterial Sales by Manufacturer (2018-2020)

Figure Global Photonic Metamaterial Sales Market Share by Manufacturer in 2019

Table Global Photonic Metamaterial Revenue by Manufacturer (2018-2020)

Figure Global Photonic Metamaterial Revenue Market Share by Manufacturer in 2019

Table Global Photonic Metamaterial Manufacturers Market Concentration Ratio (CR5 and HHI)

Figure Top 5 Photonic Metamaterial Manufacturer (Revenue) Market Share in 2019

Figure Top 10 Photonic Metamaterial Manufacturer (Revenue) Market Share in 2019

Table Date of Key Manufacturers Enter into Photonic Metamaterial Market

Table Key Manufacturers Photonic Metamaterial Product Type

Table Mergers & Acquisitions Planning

Table Market Opportunities in Next Few Years

Table Market Risks Analysis

**Table Market Drivers** 

Table Key Players of Upstream Markets

Table Key Raw Materials

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Photonic Metamaterial

Table Key Players of Upstream Markets

Figure Sales Channel



Table Global Photonic Metamaterial Sales (K Units) by Region (2015-2020)

Table Global Photonic Metamaterial Sales Market Share by Region (2015-2019)

Figure Global Photonic Metamaterial Sales Market Share by Region (2015-2019)

Figure Global Photonic Metamaterial Sales Market Share by Region in 2018

Table Global Photonic Metamaterial Revenue (Million US\$) by Region (2015-2020)

Table Global Photonic Metamaterial Revenue Market Share by Region (2015-2020)

Figure Global Photonic Metamaterial Revenue Market Share by Region (2015-2020)

Figure Global Photonic Metamaterial Revenue Market Share by Region in 2019

Table Global Photonic Metamaterial Sales (K Units), Revenue (Million US\$), Price (USD/Unit) and Gross Margin (2015-2020)

Figure North America Photonic Metamaterial Sales (K Units) Growth Rate (2015-2020)

Table North America Photonic Metamaterial Sales (K Units), Revenue (Million US\$),

Price (USD/Unit) and Gross Margin (2015-2020)

Figure Europe Photonic Metamaterial Sales (K Units) Growth Rate (2015-2020)

Table Europe Photonic Metamaterial Sales (K Units), Revenue (Million US\$), Price (USD/Unit) and Gross Margin (2015-2020)

Figure Japan Photonic Metamaterial Sales (K Units) Growth Rate (2015-2020)

Table Japan Photonic Metamaterial Sales (K Units), Revenue (Million US\$), Price (USD/Unit) and Gross Margin (2015-2020)

Figure China Photonic Metamaterial Sales (K Units) Growth Rate (2015-2020)

Table China Photonic Metamaterial Sales (K Units), Revenue (Million US\$), Price (USD/Unit) and Gross Margin (2015-2020)

Table Global Photonic Metamaterial Sales by Type (2015-2020)

Table Global Photonic Metamaterial Sales Market Share by Type (2015-2020)

Figure Global Photonic Metamaterial Sales Market Share by Type in 2019

Table Global Photonic Metamaterial Revenue by Type (2015-2020)

Table Global Photonic Metamaterial Revenue Market Share by Type (2015-2020)

Figure Global Photonic Metamaterial Revenue Market Share by Type in 2019

Figure Global Flexible Material Sales Growth Rate (2015-2020)

Figure Global Flexible Material Price (2015-2020)

Figure Global Hard Material Sales Growth Rate (2015-2020)

Figure Global Hard Material Price (2015-2020)

Table Global Photonic Metamaterial Sales by Application (2015-2020)

Table Global Photonic Metamaterial Sales Market Share by Application (2015-2020)

Figure Global Photonic Metamaterial Sales Market Share by Application in 2019

Figure Global Communication Sales Growth Rate (2015-2020)

Figure Global Solar Sales Growth Rate (2015-2020)

Figure Global Medical Imaging Sales Growth Rate (2015-2020)

Figure Global Photonic Metamaterial Production (K Units) Growth Rate Forecast



(2020-2025)

Figure Global Photonic Metamaterial Revenue (Million US\$) Growth Rate Forecast (2020-2025)

Figure Global Photonic Metamaterial Price and Trend Forecast (2020-2025)

Table Global Photonic Metamaterial Sales (K Units) Forecast by Region (2020-2025)

Figure Global Photonic Metamaterial Production Market Share Forecast by Region (2020-2025)

Figure North America Photonic Metamaterial Sales (K Units) Growth Rate Forecast (2020-2025)

Figure North America Photonic Metamaterial Revenue (Million US\$) Growth Rate Forecast (2020-2025)

Figure Europe Photonic Metamaterial Sales (K Units) Growth Rate Forecast (2020-2025)

Figure Europe Photonic Metamaterial Revenue (Million US\$) Growth Rate Forecast (2020-2025)

Figure Japan Photonic Metamaterial Production (K Units) Growth Rate Forecast (2020-2025)

Figure Japan Photonic Metamaterial Revenue (Million US\$) Growth Rate Forecast (2020-2025)

Figure China Photonic Metamaterial Production (K Units) Growth Rate Forecast (2020-2025)

Figure China Photonic Metamaterial Revenue (Million US\$) Growth Rate Forecast (2020-2025)

Table Echodyne Company Profile

Figure Photonic Metamaterial Product Picture and Specifications of Echodyne Table Photonic Metamaterial Production, Price, Revenue and Gross Margin of 2018-2020

Figure Echodyne Photonic Metamaterial Market Share (2018-2020)

**Table Echodyne Main Business** 

Table Echodyne Recent Development

Table RP Photonics Company Profile

Figure Photonic Metamaterial Product Picture and Specifications of RP Photonics Table Photonic Metamaterial Production, Price, Revenue and Gross Margin of 2018-2020

Figure RP Photonics Photonic Metamaterial Market Share (2018-2020)

Table RP Photonics Main Business

Table RP Photonics Recent Development

Table Kymeta Corporation Company Profile

Figure Photonic Metamaterial Product Picture and Specifications of Kymeta Corporation



Table Photonic Metamaterial Production, Price, Revenue and Gross Margin of 2018-2020

Figure Kymeta Corporation Photonic Metamaterial Market Share (2018-2020)

Table Kymeta Corporation Main Business

Table Kymeta Corporation Recent Development

Table PARC Company Profile

Figure Photonic Metamaterial Product Picture and Specifications of PARC

Table Photonic Metamaterial Production, Price, Revenue and Gross Margin of 2018-2020

Figure PARC Photonic Metamaterial Market Share (2018-2020)

Table PARC Main Business

Table PARC Recent Development

Table Metamaterial Technologies Company Profile

Figure Photonic Metamaterial Product Picture and Specifications of Metamaterial Technologies

Table Photonic Metamaterial Production, Price, Revenue and Gross Margin of 2018-2020

Figure Metamaterial Technologies Photonic Metamaterial Market Share (2018-2020)

Table Metamaterial Technologies Main Business

Table Metamaterial Technologies Recent Development

Table of Appendix



#### I would like to order

Product name: Global Photonic Metamaterial Industry Research Report 2020, Forecast to 2025

Product link: <a href="https://marketpublishers.com/r/GB17D9007887EN.html">https://marketpublishers.com/r/GB17D9007887EN.html</a>

Price: US\$ 2,560.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

# **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/GB17D9007887EN.html">https://marketpublishers.com/r/GB17D9007887EN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970