

# Global Optical Attenuators Market Research Report 2017

<https://marketpublishers.com/r/G3DF1ECB7EBPEN.html>

Date: October 2017

Pages: 121

Price: US\$ 2,900.00 (Single User License)

ID: G3DF1ECB7EBPEN

## Abstracts

In this report, the global Optical Attenuators market is valued at USD XX million in 2016 and is expected to reach USD XX million by the end of 2022, growing at a CAGR of XX% between 2016 and 2022.

Geographically, this report is segmented into several key Regions, with production, consumption, revenue (million USD), market share and growth rate of Optical Attenuators in these regions, from 2012 to 2022 (forecast), covering

United States

EU

China

Japan

South Korea

Taiwan

Global Optical Attenuators market competition by top manufacturers, with production, price, revenue (value) and market share for each manufacturer; the top players including

Viavi Solutions

Mellanox Technologies

Sercalo Microtechnology

AFOP

NeoPhotonics

Keysight

Lumentum Operations

NTT Electronics

Thorlabs

Accelink

DiCon Fiberoptics

Yokogawa Electric

EXFO

Diamond

Santec

Agiltron

AC Photonics

Lightcomm Technology

OptiWorks

Sunma International

Lightwaves2020

TFC Optical Communication

Korea Optron

LEAD Fiber Optics

OZ Optics

EigenLight Corporation

Timbercon

On the basis of product, this report displays the production, revenue, price, market share and growth rate of each type, primarily split into

Fixed Optical Attenuator

Variable Optical Attenuator

On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, consumption (sales), market share and growth rate of Optical Attenuators for each application, including

Fiber Optical Communication System

Test Equipment

Others

If you have any special requirements, please let us know and we will offer you the report as you want.

## Contents

### Global Optical Attenuators Market Research Report 2017

## 1 OPTICAL ATTENUATORS MARKET OVERVIEW

- 1.1 Product Overview and Scope of Optical Attenuators
- 1.2 Optical Attenuators Segment by Type (Product Category)
  - 1.2.1 Global Optical Attenuators Production and CAGR (%) Comparison by Type (Product Category)(2012-2022)
  - 1.2.2 Global Optical Attenuators Production Market Share by Type (Product Category) in 2016
  - 1.2.3 Fixed Optical Attenuator
  - 1.2.4 Variable Optical Attenuator
- 1.3 Global Optical Attenuators Segment by Application
  - 1.3.1 Optical Attenuators Consumption (Sales) Comparison by Application (2012-2022)
  - 1.3.2 Fiber Optical Communication System
  - 1.3.3 Test Equipment
  - 1.3.4 Others
- 1.4 Global Optical Attenuators Market by Region (2012-2022)
  - 1.4.1 Global Optical Attenuators Market Size (Value) and CAGR (%) Comparison by Region (2012-2022)
  - 1.4.2 United States Status and Prospect (2012-2022)
  - 1.4.3 EU Status and Prospect (2012-2022)
  - 1.4.4 China Status and Prospect (2012-2022)
  - 1.4.5 Japan Status and Prospect (2012-2022)
  - 1.4.6 South Korea Status and Prospect (2012-2022)
  - 1.4.7 Taiwan Status and Prospect (2012-2022)
- 1.5 Global Market Size (Value) of Optical Attenuators (2012-2022)
  - 1.5.1 Global Optical Attenuators Revenue Status and Outlook (2012-2022)
  - 1.5.2 Global Optical Attenuators Capacity, Production Status and Outlook (2012-2022)

## 2 GLOBAL OPTICAL ATTENUATORS MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global Optical Attenuators Capacity, Production and Share by Manufacturers (2012-2017)
  - 2.1.1 Global Optical Attenuators Capacity and Share by Manufacturers (2012-2017)

- 2.1.2 Global Optical Attenuators Production and Share by Manufacturers (2012-2017)
- 2.2 Global Optical Attenuators Revenue and Share by Manufacturers (2012-2017)
- 2.3 Global Optical Attenuators Average Price by Manufacturers (2012-2017)
- 2.4 Manufacturers Optical Attenuators Manufacturing Base Distribution, Sales Area and Product Type
- 2.5 Optical Attenuators Market Competitive Situation and Trends
  - 2.5.1 Optical Attenuators Market Concentration Rate
  - 2.5.2 Optical Attenuators Market Share of Top 3 and Top 5 Manufacturers
  - 2.5.3 Mergers & Acquisitions, Expansion

### **3 GLOBAL OPTICAL ATTENUATORS CAPACITY, PRODUCTION, REVENUE (VALUE) BY REGION (2012-2017)**

- 3.1 Global Optical Attenuators Capacity and Market Share by Region (2012-2017)
- 3.2 Global Optical Attenuators Production and Market Share by Region (2012-2017)
- 3.3 Global Optical Attenuators Revenue (Value) and Market Share by Region (2012-2017)
- 3.4 Global Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 3.5 United States Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 3.6 EU Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 3.7 China Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 3.8 Japan Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 3.9 South Korea Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
- 3.10 Taiwan Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

### **4 GLOBAL OPTICAL ATTENUATORS SUPPLY (PRODUCTION), CONSUMPTION, EXPORT, IMPORT BY REGION (2012-2017)**

- 4.1 Global Optical Attenuators Consumption by Region (2012-2017)
- 4.2 United States Optical Attenuators Production, Consumption, Export, Import (2012-2017)
- 4.3 EU Optical Attenuators Production, Consumption, Export, Import (2012-2017)

- 4.4 China Optical Attenuators Production, Consumption, Export, Import (2012-2017)
- 4.5 Japan Optical Attenuators Production, Consumption, Export, Import (2012-2017)
- 4.6 South Korea Optical Attenuators Production, Consumption, Export, Import (2012-2017)
- 4.7 Taiwan Optical Attenuators Production, Consumption, Export, Import (2012-2017)

## **5 GLOBAL OPTICAL ATTENUATORS PRODUCTION, REVENUE (VALUE), PRICE TREND BY TYPE**

- 5.1 Global Optical Attenuators Production and Market Share by Type (2012-2017)
- 5.2 Global Optical Attenuators Revenue and Market Share by Type (2012-2017)
- 5.3 Global Optical Attenuators Price by Type (2012-2017)
- 5.4 Global Optical Attenuators Production Growth by Type (2012-2017)

## **6 GLOBAL OPTICAL ATTENUATORS MARKET ANALYSIS BY APPLICATION**

- 6.1 Global Optical Attenuators Consumption and Market Share by Application (2012-2017)
- 6.2 Global Optical Attenuators Consumption Growth Rate by Application (2012-2017)
- 6.3 Market Drivers and Opportunities
  - 6.3.1 Potential Applications
  - 6.3.2 Emerging Markets/Countries

## **7 GLOBAL OPTICAL ATTENUATORS MANUFACTURERS PROFILES/ANALYSIS**

- 7.1 Viavi Solutions
  - 7.1.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 7.1.2 Optical Attenuators Product Category, Application and Specification
    - 7.1.2.1 Product A
    - 7.1.2.2 Product B
  - 7.1.3 Viavi Solutions Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
  - 7.1.4 Main Business/Business Overview
- 7.2 Mellanox Technologies
  - 7.2.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 7.2.2 Optical Attenuators Product Category, Application and Specification
    - 7.2.2.1 Product A

#### 7.2.2.2 Product B

7.2.3 Mellanox Technologies Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

#### 7.2.4 Main Business/Business Overview

### 7.3 Sercalo Microtechnology

7.3.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

#### 7.3.2 Optical Attenuators Product Category, Application and Specification

##### 7.3.2.1 Product A

##### 7.3.2.2 Product B

7.3.3 Sercalo Microtechnology Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

#### 7.3.4 Main Business/Business Overview

### 7.4 AFOP

7.4.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

#### 7.4.2 Optical Attenuators Product Category, Application and Specification

##### 7.4.2.1 Product A

##### 7.4.2.2 Product B

7.4.3 AFOP Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

#### 7.4.4 Main Business/Business Overview

### 7.5 NeoPhotonics

7.5.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

#### 7.5.2 Optical Attenuators Product Category, Application and Specification

##### 7.5.2.1 Product A

##### 7.5.2.2 Product B

7.5.3 NeoPhotonics Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

#### 7.5.4 Main Business/Business Overview

### 7.6 Keysight

7.6.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors

#### 7.6.2 Optical Attenuators Product Category, Application and Specification

##### 7.6.2.1 Product A

##### 7.6.2.2 Product B

7.6.3 Keysight Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)

- 7.6.4 Main Business/Business Overview
- 7.7 Lumentum Operations
  - 7.7.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 7.7.2 Optical Attenuators Product Category, Application and Specification
    - 7.7.2.1 Product A
    - 7.7.2.2 Product B
  - 7.7.3 Lumentum Operations Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
  - 7.7.4 Main Business/Business Overview
- 7.8 NTT Electronics
  - 7.8.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 7.8.2 Optical Attenuators Product Category, Application and Specification
    - 7.8.2.1 Product A
    - 7.8.2.2 Product B
  - 7.8.3 NTT Electronics Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
  - 7.8.4 Main Business/Business Overview
- 7.9 Thorlabs
  - 7.9.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 7.9.2 Optical Attenuators Product Category, Application and Specification
    - 7.9.2.1 Product A
    - 7.9.2.2 Product B
  - 7.9.3 Thorlabs Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
  - 7.9.4 Main Business/Business Overview
- 7.10 Accelink
  - 7.10.1 Company Basic Information, Manufacturing Base, Sales Area and Its Competitors
  - 7.10.2 Optical Attenuators Product Category, Application and Specification
    - 7.10.2.1 Product A
    - 7.10.2.2 Product B
  - 7.10.3 Accelink Optical Attenuators Capacity, Production, Revenue, Price and Gross Margin (2012-2017)
  - 7.10.4 Main Business/Business Overview
- 7.11 DiCon Fiberoptics
- 7.12 Yokogawa Electric



- 7.13 EXFO
- 7.14 Diamond
- 7.15 Santec
- 7.16 Agiltron
- 7.17 AC Photonics
- 7.18 Lightcomm Technology
- 7.19 OptiWorks
- 7.20 Sunma International
- 7.21 Lightwaves2020
- 7.22 TFC Optical Communication
- 7.23 Korea Optron
- 7.24 LEAD Fiber Optics
- 7.25 OZ Optics
- 7.26 EigenLight Corporation
- 7.27 Timbercon

## **8 OPTICAL ATTENUATORS MANUFACTURING COST ANALYSIS**

- 8.1 Optical Attenuators Key Raw Materials Analysis
  - 8.1.1 Key Raw Materials
  - 8.1.2 Price Trend of Key Raw Materials
  - 8.1.3 Key Suppliers of Raw Materials
  - 8.1.4 Market Concentration Rate of Raw Materials
- 8.2 Proportion of Manufacturing Cost Structure
  - 8.2.1 Raw Materials
  - 8.2.2 Labor Cost
  - 8.2.3 Manufacturing Expenses
- 8.3 Manufacturing Process Analysis of Optical Attenuators

## **9 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS**

- 9.1 Optical Attenuators Industrial Chain Analysis
- 9.2 Upstream Raw Materials Sourcing
- 9.3 Raw Materials Sources of Optical Attenuators Major Manufacturers in 2015
- 9.4 Downstream Buyers

## **10 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

- 10.1 Marketing Channel

- 10.1.1 Direct Marketing
- 10.1.2 Indirect Marketing
- 10.1.3 Marketing Channel Development Trend
- 10.2 Market Positioning
  - 10.2.1 Pricing Strategy
  - 10.2.2 Brand Strategy
  - 10.2.3 Target Client
- 10.3 Distributors/Traders List

## **11 MARKET EFFECT FACTORS ANALYSIS**

- 11.1 Technology Progress/Risk
  - 11.1.1 Substitutes Threat
  - 11.1.2 Technology Progress in Related Industry
- 11.2 Consumer Needs/Customer Preference Change
- 11.3 Economic/Political Environmental Change

## **12 GLOBAL OPTICAL ATTENUATORS MARKET FORECAST (2017-2022)**

- 12.1 Global Optical Attenuators Capacity, Production, Revenue Forecast (2017-2022)
  - 12.1.1 Global Optical Attenuators Capacity, Production and Growth Rate Forecast (2017-2022)
  - 12.1.2 Global Optical Attenuators Revenue and Growth Rate Forecast (2017-2022)
  - 12.1.3 Global Optical Attenuators Price and Trend Forecast (2017-2022)
- 12.2 Global Optical Attenuators Production, Consumption, Import and Export Forecast by Region (2017-2022)
  - 12.2.1 United States Optical Attenuators Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
  - 12.2.2 EU Optical Attenuators Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
  - 12.2.3 China Optical Attenuators Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
  - 12.2.4 Japan Optical Attenuators Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
  - 12.2.5 South Korea Optical Attenuators Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
  - 12.2.6 Taiwan Optical Attenuators Production, Revenue, Consumption, Export and Import Forecast (2017-2022)
- 12.3 Global Optical Attenuators Production, Revenue and Price Forecast by Type

(2017-2022)

12.4 Global Optical Attenuators Consumption Forecast by Application (2017-2022)

## **13 RESEARCH FINDINGS AND CONCLUSION**

## **14 APPENDIX**

14.1 Methodology/Research Approach

14.1.1 Research Programs/Design

14.1.2 Market Size Estimation

14.1.3 Market Breakdown and Data Triangulation

14.2 Data Source

14.2.1 Secondary Sources

14.2.2 Primary Sources

14.3 Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Picture of Optical Attenuators

Figure Global Optical Attenuators Production (K Units) and CAGR (%) Comparison by Types (Product Category) (2012-2022)

Figure Global Optical Attenuators Production Market Share by Types (Product Category) in 2016

Figure Product Picture of Fixed Optical Attenuator

Table Major Manufacturers of Fixed Optical Attenuator

Figure Product Picture of Variable Optical Attenuator

Table Major Manufacturers of Variable Optical Attenuator

Figure Global Optical Attenuators Consumption (K Units) by Applications (2012-2022)

Figure Global Optical Attenuators Consumption Market Share by Applications in 2016

Figure Fiber Optical Communication System Examples

Table Key Downstream Customer in Fiber Optical Communication System

Figure Test Equipment Examples

Table Key Downstream Customer in Test Equipment

Figure Others Examples

Table Key Downstream Customer in Others

Figure Global Optical Attenuators Market Size (Million USD), Comparison (K Units) and CAGR (%) by Regions (2012-2022)

Figure United States Optical Attenuators Revenue (Million USD) and Growth Rate (2012-2022)

Figure EU Optical Attenuators Revenue (Million USD) and Growth Rate (2012-2022)

Figure China Optical Attenuators Revenue (Million USD) and Growth Rate (2012-2022)

Figure Japan Optical Attenuators Revenue (Million USD) and Growth Rate (2012-2022)

Figure South Korea Optical Attenuators Revenue (Million USD) and Growth Rate (2012-2022)

Figure Taiwan Optical Attenuators Revenue (Million USD) and Growth Rate (2012-2022)

Figure Global Optical Attenuators Revenue (Million USD) Status and Outlook (2012-2022)

Figure Global Optical Attenuators Capacity, Production (K Units) Status and Outlook (2012-2022)

Figure Global Optical Attenuators Major Players Product Capacity (K Units) (2012-2017)

Table Global Optical Attenuators Capacity (K Units) of Key Manufacturers (2012-2017)

Table Global Optical Attenuators Capacity Market Share of Key Manufacturers

(2012-2017)

Figure Global Optical Attenuators Capacity (K Units) of Key Manufacturers in 2016

Figure Global Optical Attenuators Capacity (K Units) of Key Manufacturers in 2017

Figure Global Optical Attenuators Major Players Product Production (K Units)

(2012-2017)

Table Global Optical Attenuators Production (K Units) of Key Manufacturers

(2012-2017)

Table Global Optical Attenuators Production Share by Manufacturers (2012-2017)

Figure 2016 Optical Attenuators Production Share by Manufacturers

Figure 2017 Optical Attenuators Production Share by Manufacturers

Figure Global Optical Attenuators Major Players Product Revenue (Million USD)

(2012-2017)

Table Global Optical Attenuators Revenue (Million USD) by Manufacturers (2012-2017)

Table Global Optical Attenuators Revenue Share by Manufacturers (2012-2017)

Table 2016 Global Optical Attenuators Revenue Share by Manufacturers

Table 2017 Global Optical Attenuators Revenue Share by Manufacturers

Table Global Market Optical Attenuators Average Price (USD/Unit) of Key

Manufacturers (2012-2017)

Figure Global Market Optical Attenuators Average Price (USD/Unit) of Key

Manufacturers in 2016

Table Manufacturers Optical Attenuators Manufacturing Base Distribution and Sales

Area

Table Manufacturers Optical Attenuators Product Category

Figure Optical Attenuators Market Share of Top 3 Manufacturers

Figure Optical Attenuators Market Share of Top 5 Manufacturers

Table Global Optical Attenuators Capacity (K Units) by Region (2012-2017)

Figure Global Optical Attenuators Capacity Market Share by Region (2012-2017)

Figure Global Optical Attenuators Capacity Market Share by Region (2012-2017)

Figure 2016 Global Optical Attenuators Capacity Market Share by Region

Table Global Optical Attenuators Production by Region (2012-2017)

Figure Global Optical Attenuators Production (K Units) by Region (2012-2017)

Figure Global Optical Attenuators Production Market Share by Region (2012-2017)

Figure 2016 Global Optical Attenuators Production Market Share by Region

Table Global Optical Attenuators Revenue (Million USD) by Region (2012-2017)

Table Global Optical Attenuators Revenue Market Share by Region (2012-2017)

Figure Global Optical Attenuators Revenue Market Share by Region (2012-2017)

Table 2016 Global Optical Attenuators Revenue Market Share by Region

Figure Global Optical Attenuators Capacity, Production (K Units) and Growth Rate

(2012-2017)

Table Global Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Table United States Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Table EU Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Table China Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Table Japan Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Table South Korea Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Table Taiwan Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Table Global Optical Attenuators Consumption (K Units) Market by Region (2012-2017)

Table Global Optical Attenuators Consumption Market Share by Region (2012-2017)

Figure Global Optical Attenuators Consumption Market Share by Region (2012-2017)

Figure 2016 Global Optical Attenuators Consumption (K Units) Market Share by Region

Table United States Optical Attenuators Production, Consumption, Import & Export (K Units) (2012-2017)

Table EU Optical Attenuators Production, Consumption, Import & Export (K Units) (2012-2017)

Table China Optical Attenuators Production, Consumption, Import & Export (K Units) (2012-2017)

Table Japan Optical Attenuators Production, Consumption, Import & Export (K Units) (2012-2017)

Table South Korea Optical Attenuators Production, Consumption, Import & Export (K Units) (2012-2017)

Table Taiwan Optical Attenuators Production, Consumption, Import & Export (K Units) (2012-2017)

Table Global Optical Attenuators Production (K Units) by Type (2012-2017)

Table Global Optical Attenuators Production Share by Type (2012-2017)

Figure Production Market Share of Optical Attenuators by Type (2012-2017)

Figure 2016 Production Market Share of Optical Attenuators by Type

Table Global Optical Attenuators Revenue (Million USD) by Type (2012-2017)

Table Global Optical Attenuators Revenue Share by Type (2012-2017)

Figure Production Revenue Share of Optical Attenuators by Type (2012-2017)

Figure 2016 Revenue Market Share of Optical Attenuators by Type

Table Global Optical Attenuators Price (USD/Unit) by Type (2012-2017)



Figure Global Optical Attenuators Production Growth by Type (2012-2017)  
Table Global Optical Attenuators Consumption (K Units) by Application (2012-2017)  
Table Global Optical Attenuators Consumption Market Share by Application (2012-2017)  
Figure Global Optical Attenuators Consumption Market Share by Applications (2012-2017)  
Figure Global Optical Attenuators Consumption Market Share by Application in 2016  
Table Global Optical Attenuators Consumption Growth Rate by Application (2012-2017)  
Figure Global Optical Attenuators Consumption Growth Rate by Application (2012-2017)  
Table Viavi Solutions Basic Information, Manufacturing Base, Sales Area and Its Competitors  
Table Viavi Solutions Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)  
Figure Viavi Solutions Optical Attenuators Production Growth Rate (2012-2017)  
Figure Viavi Solutions Optical Attenuators Production Market Share (2012-2017)  
Figure Viavi Solutions Optical Attenuators Revenue Market Share (2012-2017)  
Table Mellanox Technologies Basic Information, Manufacturing Base, Sales Area and Its Competitors  
Table Mellanox Technologies Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)  
Figure Mellanox Technologies Optical Attenuators Production Growth Rate (2012-2017)  
Figure Mellanox Technologies Optical Attenuators Production Market Share (2012-2017)  
Figure Mellanox Technologies Optical Attenuators Revenue Market Share (2012-2017)  
Table Sercalo Microtechnology Basic Information, Manufacturing Base, Sales Area and Its Competitors  
Table Sercalo Microtechnology Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)  
Figure Sercalo Microtechnology Optical Attenuators Production Growth Rate (2012-2017)  
Figure Sercalo Microtechnology Optical Attenuators Production Market Share (2012-2017)  
Figure Sercalo Microtechnology Optical Attenuators Revenue Market Share (2012-2017)  
Table AFOP Basic Information, Manufacturing Base, Sales Area and Its Competitors  
Table AFOP Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)  
Figure AFOP Optical Attenuators Production Growth Rate (2012-2017)

Figure AFOP Optical Attenuators Production Market Share (2012-2017)

Figure AFOP Optical Attenuators Revenue Market Share (2012-2017)

Table NeoPhotonics Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table NeoPhotonics Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure NeoPhotonics Optical Attenuators Production Growth Rate (2012-2017)

Figure NeoPhotonics Optical Attenuators Production Market Share (2012-2017)

Figure NeoPhotonics Optical Attenuators Revenue Market Share (2012-2017)

Table Keysight Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Keysight Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Keysight Optical Attenuators Production Growth Rate (2012-2017)

Figure Keysight Optical Attenuators Production Market Share (2012-2017)

Figure Keysight Optical Attenuators Revenue Market Share (2012-2017)

Table Lumentum Operations Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Lumentum Operations Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Lumentum Operations Optical Attenuators Production Growth Rate (2012-2017)

Figure Lumentum Operations Optical Attenuators Production Market Share (2012-2017)

Figure Lumentum Operations Optical Attenuators Revenue Market Share (2012-2017)

Table NTT Electronics Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table NTT Electronics Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure NTT Electronics Optical Attenuators Production Growth Rate (2012-2017)

Figure NTT Electronics Optical Attenuators Production Market Share (2012-2017)

Figure NTT Electronics Optical Attenuators Revenue Market Share (2012-2017)

Table Thorlabs Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Thorlabs Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Thorlabs Optical Attenuators Production Growth Rate (2012-2017)

Figure Thorlabs Optical Attenuators Production Market Share (2012-2017)

Figure Thorlabs Optical Attenuators Revenue Market Share (2012-2017)

Table Accelink Basic Information, Manufacturing Base, Sales Area and Its Competitors

Table Accelink Optical Attenuators Capacity, Production (K Units), Revenue (Million USD), Price (USD/Unit) and Gross Margin (2012-2017)

Figure Accelink Optical Attenuators Production Growth Rate (2012-2017)



Figure Accelink Optical Attenuators Production Market Share (2012-2017)  
Figure Accelink Optical Attenuators Revenue Market Share (2012-2017)  
Table Production Base and Market Concentration Rate of Raw Material  
Figure Price Trend of Key Raw Materials  
Table Key Suppliers of Raw Materials  
Figure Manufacturing Cost Structure of Optical Attenuators  
Figure Manufacturing Process Analysis of Optical Attenuators  
Figure Optical Attenuators Industrial Chain Analysis  
Table Raw Materials Sources of Optical Attenuators Major Manufacturers in 2016  
Table Major Buyers of Optical Attenuators  
Table Distributors/Traders List  
Figure Global Optical Attenuators Capacity, Production (K Units) and Growth Rate Forecast (2017-2022)  
Figure Global Optical Attenuators Revenue (Million USD) and Growth Rate Forecast (2017-2022)  
Figure Global Optical Attenuators Price (Million USD) and Trend Forecast (2017-2022)  
Table Global Optical Attenuators Production (K Units) Forecast by Region (2017-2022)  
Figure Global Optical Attenuators Production Market Share Forecast by Region (2017-2022)  
Table Global Optical Attenuators Consumption (K Units) Forecast by Region (2017-2022)  
Figure Global Optical Attenuators Consumption Market Share Forecast by Region (2017-2022)  
Figure United States Optical Attenuators Production (K Units) and Growth Rate Forecast (2017-2022)  
Figure United States Optical Attenuators Revenue (Million USD) and Growth Rate Forecast (2017-2022)  
Table United States Optical Attenuators Production, Consumption, Export and Import (K Units) Forecast (2017-2022)  
Figure EU Optical Attenuators Production (K Units) and Growth Rate Forecast (2017-2022)  
Figure EU Optical Attenuators Revenue (Million USD) and Growth Rate Forecast (2017-2022)  
Table EU Optical Attenuators Production, Consumption, Export and Import (K Units) Forecast (2017-2022)  
Figure China Optical Attenuators Production (K Units) and Growth Rate Forecast (2017-2022)  
Figure China Optical Attenuators Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table China Optical Attenuators Production, Consumption, Export and Import (K Units) Forecast (2017-2022)

Figure Japan Optical Attenuators Production (K Units) and Growth Rate Forecast (2017-2022)

Figure Japan Optical Attenuators Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table Japan Optical Attenuators Production, Consumption, Export and Import (K Units) Forecast (2017-2022)

Figure South Korea Optical Attenuators Production (K Units) and Growth Rate Forecast (2017-2022)

Figure South Korea Optical Attenuators Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table South Korea Optical Attenuators Production, Consumption, Export and Import (K Units) Forecast (2017-2022)

Figure Taiwan Optical Attenuators Production (K Units) and Growth Rate Forecast (2017-2022)

Figure Taiwan Optical Attenuators Revenue (Million USD) and Growth Rate Forecast (2017-2022)

Table Taiwan Optical Attenuators Production, Consumption, Export and Import (K Units) Forecast (2017-2022)

Table Global Optical Attenuators Production (K Units) Forecast by Type (2017-2022)

Figure Global Optical Attenuators Production (K Units) Forecast by Type (2017-2022)

Table Global Optical Attenuators Revenue (Million USD) Forecast by Type (2017-2022)

Figure Global Optical Attenuators Revenue Market Share Forecast by Type (2017-2022)

Table Global Optical Attenuators Price Forecast by Type (2017-2022)

Table Global Optical Attenuators Consumption (K Units) Forecast by Application (2017-2022)

Figure Global Optical Attenuators Consumption (K Units) Forecast by Application (2017-2022)

Table Research Programs/Design for This Report

Figure Bottom-up and Top-down Approaches for This Report

Figure Data Triangulation

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Source

## I would like to order

Product name: Global Optical Attenuators Market Research Report 2017

Product link: <https://marketpublishers.com/r/G3DF1ECB7EBPEN.html>

Price: US\$ 2,900.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G3DF1ECB7EBPEN.html>

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**

Customer signature \_\_\_\_\_

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

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