

Global AWG(Arrayed Waveguide Gratings) Module Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/G1EFA770642BEN.html>

Date: August 2023

Pages: 106

Price: US\$ 4,480.00 (Single User License)

ID: G1EFA770642BEN

Abstracts

The global AWG(Arrayed Waveguide Gratings) Module market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The Global Mobile Economy Development Report 2023 released by GSMA Intelligence pointed out that by the end of 2022, the number of global mobile users would exceed 5.4 billion. The mobile ecosystem supports 16 million jobs directly and 12 million jobs indirectly.

According to our Communications Research Centre, in 2022, the global communication equipment was valued at US\$ 100 billion. The U.S. and China are powerhouses in the manufacture of communications equipment. According to data from the Ministry of Industry and Information Technology of China, the cumulative revenue of telecommunications services in 2022 was ?1.58 trillion, an increase of 8% over the previous year. The total amount of telecommunications business calculated at the price of the previous year reached ?1.75 trillion, a year-on-year increase of 21.3%. In the same year, the fixed Internet broadband access business revenue was ?240.2 billion, an increase of 7.1% over the previous year, and its proportion in the telecommunications business revenue decreased from 15.3% in the previous year to 15.2%, driving the telecommunications business revenue to increase by 1.1 percentage points.

The AWG module consists of an array of waveguides arranged in a specific pattern. Each waveguide corresponds to a specific wavelength of light. When light enters the input waveguide, it is split into different wavelengths and directed into the array of waveguides. These waveguides have different lengths, causing the light at each

wavelength to travel a different distance.

As the light travels through the waveguides, it experiences constructive and destructive interference, resulting in the recombination of the wavelengths at the output. The different wavelengths are focused and combined at the output waveguide, where they can be routed to different destinations or further processed.

The AWG module provides high spectral resolution, enabling the separation and combination of closely spaced wavelengths. It allows for efficient wavelength routing and enables flexible and scalable optical networks. AWGs are commonly used in applications such as optical add-drop multiplexing, wavelength routing, and channel monitoring in WDM systems.

AWG modules are typically fabricated using semiconductor materials such as silicon or indium phosphide. They are designed with precise waveguide dimensions and spacing to achieve the desired wavelength separation and coupling efficiency. The performance of an AWG module is characterized by parameters such as channel spacing, insertion loss, crosstalk, and wavelength accuracy.

Overall, AWG modules play a critical role in enabling the efficient transmission and manipulation of optical signals in WDM systems, facilitating high-capacity and flexible fiber-optic communication networks.

This report studies the global AWG(Arrayed Waveguide Gratings) Module production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for AWG(Arrayed Waveguide Gratings) Module, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of AWG(Arrayed Waveguide Gratings) Module that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global AWG(Arrayed Waveguide Gratings) Module total production and demand, 2018-2029, (K Units)

Global AWG(Arrayed Waveguide Gratings) Module total production value, 2018-2029,

(USD Million)

Global AWG(Arrayed Waveguide Gratings) Module production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global AWG(Arrayed Waveguide Gratings) Module consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: AWG(Arrayed Waveguide Gratings) Module domestic production, consumption, key domestic manufacturers and share

Global AWG(Arrayed Waveguide Gratings) Module production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global AWG(Arrayed Waveguide Gratings) Module production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global AWG(Arrayed Waveguide Gratings) Module production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global AWG(Arrayed Waveguide Gratings) Module market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Lumentum, Senko Advanced Components, NTT Electronics, Enablence, Accelink Technologies, Sintai Communication, Broadex Technologies, Fiberroad Technology and Agilecom, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World AWG(Arrayed Waveguide Gratings) Module market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by

year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global AWG(Arrayed Waveguide Gratings) Module Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global AWG(Arrayed Waveguide Gratings) Module Market, Segmentation by Type

Athermal AWG (AAWG)

Thermal AWG (TAWG)

Global AWG(Arrayed Waveguide Gratings) Module Market, Segmentation by Application

Wavelength Division Multiplexing (WDM)

Optical Add-Drop Multiplexing (OADM)

ROADM (Reconfigurable Optical Add-Drop Multiplexer)

Fiber Sensing

Photonic Integrated Circuits (PICs)

Others

Companies Profiled:

Lumentum

Senko Advanced Components

NTT Electronics

Enablence

Accelink Technologies

Sintai Communication

Broadex Technologies

Fiberroad Technology

Agilecom

Shenzhen Gigalight Technology

Teosco Technologies

Flyin Optronics

DK Photonics Technology

HYC

Key Questions Answered

1. How big is the global AWG(Arrayed Waveguide Gratings) Module market?
2. What is the demand of the global AWG(Arrayed Waveguide Gratings) Module market?
3. What is the year over year growth of the global AWG(Arrayed Waveguide Gratings) Module market?
4. What is the production and production value of the global AWG(Arrayed Waveguide Gratings) Module market?
5. Who are the key producers in the global AWG(Arrayed Waveguide Gratings) Module market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 AWG(Arrayed Waveguide Gratings) Module Introduction
- 1.2 World AWG(Arrayed Waveguide Gratings) Module Supply & Forecast
 - 1.2.1 World AWG(Arrayed Waveguide Gratings) Module Production Value (2018 & 2022 & 2029)
 - 1.2.2 World AWG(Arrayed Waveguide Gratings) Module Production (2018-2029)
 - 1.2.3 World AWG(Arrayed Waveguide Gratings) Module Pricing Trends (2018-2029)
- 1.3 World AWG(Arrayed Waveguide Gratings) Module Production by Region (Based on Production Site)
 - 1.3.1 World AWG(Arrayed Waveguide Gratings) Module Production Value by Region (2018-2029)
 - 1.3.2 World AWG(Arrayed Waveguide Gratings) Module Production by Region (2018-2029)
 - 1.3.3 World AWG(Arrayed Waveguide Gratings) Module Average Price by Region (2018-2029)
 - 1.3.4 North America AWG(Arrayed Waveguide Gratings) Module Production (2018-2029)
 - 1.3.5 Europe AWG(Arrayed Waveguide Gratings) Module Production (2018-2029)
 - 1.3.6 China AWG(Arrayed Waveguide Gratings) Module Production (2018-2029)
 - 1.3.7 Japan AWG(Arrayed Waveguide Gratings) Module Production (2018-2029)
 - 1.3.8 South Korea AWG(Arrayed Waveguide Gratings) Module Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 AWG(Arrayed Waveguide Gratings) Module Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 AWG(Arrayed Waveguide Gratings) Module Major Market Trends
- 1.5 Influence of COVID-19 and Russia-Ukraine War
 - 1.5.1 Influence of COVID-19
 - 1.5.2 Influence of Russia-Ukraine War

2 DEMAND SUMMARY

- 2.1 World AWG(Arrayed Waveguide Gratings) Module Demand (2018-2029)
- 2.2 World AWG(Arrayed Waveguide Gratings) Module Consumption by Region
 - 2.2.1 World AWG(Arrayed Waveguide Gratings) Module Consumption by Region (2018-2023)

2.2.2 World AWG(Arrayed Waveguide Gratings) Module Consumption Forecast by Region (2024-2029)

2.3 United States AWG(Arrayed Waveguide Gratings) Module Consumption (2018-2029)

2.4 China AWG(Arrayed Waveguide Gratings) Module Consumption (2018-2029)

2.5 Europe AWG(Arrayed Waveguide Gratings) Module Consumption (2018-2029)

2.6 Japan AWG(Arrayed Waveguide Gratings) Module Consumption (2018-2029)

2.7 South Korea AWG(Arrayed Waveguide Gratings) Module Consumption (2018-2029)

2.8 ASEAN AWG(Arrayed Waveguide Gratings) Module Consumption (2018-2029)

2.9 India AWG(Arrayed Waveguide Gratings) Module Consumption (2018-2029)

3 WORLD AWG(ARRAYED WAVEGUIDE GRATINGS) MODULE MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World AWG(Arrayed Waveguide Gratings) Module Production Value by Manufacturer (2018-2023)

3.2 World AWG(Arrayed Waveguide Gratings) Module Production by Manufacturer (2018-2023)

3.3 World AWG(Arrayed Waveguide Gratings) Module Average Price by Manufacturer (2018-2023)

3.4 AWG(Arrayed Waveguide Gratings) Module Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global AWG(Arrayed Waveguide Gratings) Module Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for AWG(Arrayed Waveguide Gratings) Module in 2022

3.5.3 Global Concentration Ratios (CR8) for AWG(Arrayed Waveguide Gratings) Module in 2022

3.6 AWG(Arrayed Waveguide Gratings) Module Market: Overall Company Footprint Analysis

3.6.1 AWG(Arrayed Waveguide Gratings) Module Market: Region Footprint

3.6.2 AWG(Arrayed Waveguide Gratings) Module Market: Company Product Type Footprint

3.6.3 AWG(Arrayed Waveguide Gratings) Module Market: Company Product Application Footprint

3.7 Competitive Environment

3.7.1 Historical Structure of the Industry

3.7.2 Barriers of Market Entry

3.7.3 Factors of Competition

3.8 New Entrant and Capacity Expansion Plans

3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: AWG(Arrayed Waveguide Gratings) Module Production Value Comparison

4.1.1 United States VS China: AWG(Arrayed Waveguide Gratings) Module Production Value Comparison (2018 & 2022 & 2029)

4.1.2 United States VS China: AWG(Arrayed Waveguide Gratings) Module Production Value Market Share Comparison (2018 & 2022 & 2029)

4.2 United States VS China: AWG(Arrayed Waveguide Gratings) Module Production Comparison

4.2.1 United States VS China: AWG(Arrayed Waveguide Gratings) Module Production Comparison (2018 & 2022 & 2029)

4.2.2 United States VS China: AWG(Arrayed Waveguide Gratings) Module Production Market Share Comparison (2018 & 2022 & 2029)

4.3 United States VS China: AWG(Arrayed Waveguide Gratings) Module Consumption Comparison

4.3.1 United States VS China: AWG(Arrayed Waveguide Gratings) Module Consumption Comparison (2018 & 2022 & 2029)

4.3.2 United States VS China: AWG(Arrayed Waveguide Gratings) Module Consumption Market Share Comparison (2018 & 2022 & 2029)

4.4 United States Based AWG(Arrayed Waveguide Gratings) Module Manufacturers and Market Share, 2018-2023

4.4.1 United States Based AWG(Arrayed Waveguide Gratings) Module Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production Value (2018-2023)

4.4.3 United States Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production (2018-2023)

4.5 China Based AWG(Arrayed Waveguide Gratings) Module Manufacturers and Market Share

4.5.1 China Based AWG(Arrayed Waveguide Gratings) Module Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production Value (2018-2023)

4.5.3 China Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production (2018-2023)

4.6 Rest of World Based AWG(Arrayed Waveguide Gratings) Module Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based AWG(Arrayed Waveguide Gratings) Module Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production (2018-2023)

5 MARKET ANALYSIS BY TYPE

5.1 World AWG(Arrayed Waveguide Gratings) Module Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Athermal AWG (AAWG)

5.2.2 Thermal AWG (TAWG)

5.3 Market Segment by Type

5.3.1 World AWG(Arrayed Waveguide Gratings) Module Production by Type (2018-2029)

5.3.2 World AWG(Arrayed Waveguide Gratings) Module Production Value by Type (2018-2029)

5.3.3 World AWG(Arrayed Waveguide Gratings) Module Average Price by Type (2018-2029)

6 MARKET ANALYSIS BY APPLICATION

6.1 World AWG(Arrayed Waveguide Gratings) Module Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Wavelength Division Multiplexing (WDM)

6.2.2 Optical Add-Drop Multiplexing (OADM)

6.2.3 ROADM (Reconfigurable Optical Add-Drop Multiplexer)

6.2.4 Fiber Sensing

6.2.5 Photonic Integrated Circuits (PICs)

6.2.6 Others

6.3 Market Segment by Application

6.3.1 World AWG(Arrayed Waveguide Gratings) Module Production by Application (2018-2029)

6.3.2 World AWG(Arrayed Waveguide Gratings) Module Production Value by

Application (2018-2029)

6.3.3 World AWG(Arrayed Waveguide Gratings) Module Average Price by Application (2018-2029)

7 COMPANY PROFILES

7.1 Lumentum

7.1.1 Lumentum Details

7.1.2 Lumentum Major Business

7.1.3 Lumentum AWG(Arrayed Waveguide Gratings) Module Product and Services

7.1.4 Lumentum AWG(Arrayed Waveguide Gratings) Module Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Lumentum Recent Developments/Updates

7.1.6 Lumentum Competitive Strengths & Weaknesses

7.2 Senko Advanced Components

7.2.1 Senko Advanced Components Details

7.2.2 Senko Advanced Components Major Business

7.2.3 Senko Advanced Components AWG(Arrayed Waveguide Gratings) Module Product and Services

7.2.4 Senko Advanced Components AWG(Arrayed Waveguide Gratings) Module Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Senko Advanced Components Recent Developments/Updates

7.2.6 Senko Advanced Components Competitive Strengths & Weaknesses

7.3 NTT Electronics

7.3.1 NTT Electronics Details

7.3.2 NTT Electronics Major Business

7.3.3 NTT Electronics AWG(Arrayed Waveguide Gratings) Module Product and Services

7.3.4 NTT Electronics AWG(Arrayed Waveguide Gratings) Module Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 NTT Electronics Recent Developments/Updates

7.3.6 NTT Electronics Competitive Strengths & Weaknesses

7.4 Enablence

7.4.1 Enablence Details

7.4.2 Enablence Major Business

7.4.3 Enablence AWG(Arrayed Waveguide Gratings) Module Product and Services

7.4.4 Enablence AWG(Arrayed Waveguide Gratings) Module Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.4.5 Enablence Recent Developments/Updates

- 7.4.6 Enable Competitive Strengths & Weaknesses
- 7.5 Accelink Technologies
 - 7.5.1 Accelink Technologies Details
 - 7.5.2 Accelink Technologies Major Business
 - 7.5.3 Accelink Technologies AWG(Arrayed Waveguide Gratings) Module Product and Services
 - 7.5.4 Accelink Technologies AWG(Arrayed Waveguide Gratings) Module Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.5.5 Accelink Technologies Recent Developments/Updates
 - 7.5.6 Accelink Technologies Competitive Strengths & Weaknesses
- 7.6 Sintai Communication
 - 7.6.1 Sintai Communication Details
 - 7.6.2 Sintai Communication Major Business
 - 7.6.3 Sintai Communication AWG(Arrayed Waveguide Gratings) Module Product and Services
 - 7.6.4 Sintai Communication AWG(Arrayed Waveguide Gratings) Module Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.6.5 Sintai Communication Recent Developments/Updates
 - 7.6.6 Sintai Communication Competitive Strengths & Weaknesses
- 7.7 Broadex Technologies
 - 7.7.1 Broadex Technologies Details
 - 7.7.2 Broadex Technologies Major Business
 - 7.7.3 Broadex Technologies AWG(Arrayed Waveguide Gratings) Module Product and Services
 - 7.7.4 Broadex Technologies AWG(Arrayed Waveguide Gratings) Module Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.7.5 Broadex Technologies Recent Developments/Updates
 - 7.7.6 Broadex Technologies Competitive Strengths & Weaknesses
- 7.8 Fiberroad Technology
 - 7.8.1 Fiberroad Technology Details
 - 7.8.2 Fiberroad Technology Major Business
 - 7.8.3 Fiberroad Technology AWG(Arrayed Waveguide Gratings) Module Product and Services
 - 7.8.4 Fiberroad Technology AWG(Arrayed Waveguide Gratings) Module Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.8.5 Fiberroad Technology Recent Developments/Updates
 - 7.8.6 Fiberroad Technology Competitive Strengths & Weaknesses
- 7.9 Agilecom
 - 7.9.1 Agilecom Details

- 7.9.2 Agilecom Major Business
- 7.9.3 Agilecom AWG(Arrayed Waveguide Gratings) Module Product and Services
- 7.9.4 Agilecom AWG(Arrayed Waveguide Gratings) Module Production, Price, Value, Gross Margin and Market Share (2018-2023)
- 7.9.5 Agilecom Recent Developments/Updates
- 7.9.6 Agilecom Competitive Strengths & Weaknesses
- 7.10 Shenzhen Gigalight Technology
 - 7.10.1 Shenzhen Gigalight Technology Details
 - 7.10.2 Shenzhen Gigalight Technology Major Business
 - 7.10.3 Shenzhen Gigalight Technology AWG(Arrayed Waveguide Gratings) Module Product and Services
 - 7.10.4 Shenzhen Gigalight Technology AWG(Arrayed Waveguide Gratings) Module Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.10.5 Shenzhen Gigalight Technology Recent Developments/Updates
 - 7.10.6 Shenzhen Gigalight Technology Competitive Strengths & Weaknesses
- 7.11 Teosco Technologies
 - 7.11.1 Teosco Technologies Details
 - 7.11.2 Teosco Technologies Major Business
 - 7.11.3 Teosco Technologies AWG(Arrayed Waveguide Gratings) Module Product and Services
 - 7.11.4 Teosco Technologies AWG(Arrayed Waveguide Gratings) Module Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.11.5 Teosco Technologies Recent Developments/Updates
 - 7.11.6 Teosco Technologies Competitive Strengths & Weaknesses
- 7.12 Flyin Optronics
 - 7.12.1 Flyin Optronics Details
 - 7.12.2 Flyin Optronics Major Business
 - 7.12.3 Flyin Optronics AWG(Arrayed Waveguide Gratings) Module Product and Services
 - 7.12.4 Flyin Optronics AWG(Arrayed Waveguide Gratings) Module Production, Price, Value, Gross Margin and Market Share (2018-2023)
 - 7.12.5 Flyin Optronics Recent Developments/Updates
 - 7.12.6 Flyin Optronics Competitive Strengths & Weaknesses
- 7.13 DK Photonics Technology
 - 7.13.1 DK Photonics Technology Details
 - 7.13.2 DK Photonics Technology Major Business
 - 7.13.3 DK Photonics Technology AWG(Arrayed Waveguide Gratings) Module Product and Services
 - 7.13.4 DK Photonics Technology AWG(Arrayed Waveguide Gratings) Module

Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.13.5 DK Photonics Technology Recent Developments/Updates

7.13.6 DK Photonics Technology Competitive Strengths & Weaknesses

7.14 HYC

7.14.1 HYC Details

7.14.2 HYC Major Business

7.14.3 HYC AWG(Arrayed Waveguide Gratings) Module Product and Services

7.14.4 HYC AWG(Arrayed Waveguide Gratings) Module Production, Price, Value,
Gross Margin and Market Share (2018-2023)

7.14.5 HYC Recent Developments/Updates

7.14.6 HYC Competitive Strengths & Weaknesses

8 INDUSTRY CHAIN ANALYSIS

8.1 AWG(Arrayed Waveguide Gratings) Module Industry Chain

8.2 AWG(Arrayed Waveguide Gratings) Module Upstream Analysis

8.2.1 AWG(Arrayed Waveguide Gratings) Module Core Raw Materials

8.2.2 Main Manufacturers of AWG(Arrayed Waveguide Gratings) Module Core Raw
Materials

8.3 Midstream Analysis

8.4 Downstream Analysis

8.5 AWG(Arrayed Waveguide Gratings) Module Production Mode

8.6 AWG(Arrayed Waveguide Gratings) Module Procurement Model

8.7 AWG(Arrayed Waveguide Gratings) Module Industry Sales Model and Sales
Channels

8.7.1 AWG(Arrayed Waveguide Gratings) Module Sales Model

8.7.2 AWG(Arrayed Waveguide Gratings) Module Typical Customers

9 RESEARCH FINDINGS AND CONCLUSION

10 APPENDIX

10.1 Methodology

10.2 Research Process and Data Source

10.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World AWG(Arrayed Waveguide Gratings) Module Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World AWG(Arrayed Waveguide Gratings) Module Production Value by Region (2018-2023) & (USD Million)

Table 3. World AWG(Arrayed Waveguide Gratings) Module Production Value by Region (2024-2029) & (USD Million)

Table 4. World AWG(Arrayed Waveguide Gratings) Module Production Value Market Share by Region (2018-2023)

Table 5. World AWG(Arrayed Waveguide Gratings) Module Production Value Market Share by Region (2024-2029)

Table 6. World AWG(Arrayed Waveguide Gratings) Module Production by Region (2018-2023) & (K Units)

Table 7. World AWG(Arrayed Waveguide Gratings) Module Production by Region (2024-2029) & (K Units)

Table 8. World AWG(Arrayed Waveguide Gratings) Module Production Market Share by Region (2018-2023)

Table 9. World AWG(Arrayed Waveguide Gratings) Module Production Market Share by Region (2024-2029)

Table 10. World AWG(Arrayed Waveguide Gratings) Module Average Price by Region (2018-2023) & (US\$/Unit)

Table 11. World AWG(Arrayed Waveguide Gratings) Module Average Price by Region (2024-2029) & (US\$/Unit)

Table 12. AWG(Arrayed Waveguide Gratings) Module Major Market Trends

Table 13. World AWG(Arrayed Waveguide Gratings) Module Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (K Units)

Table 14. World AWG(Arrayed Waveguide Gratings) Module Consumption by Region (2018-2023) & (K Units)

Table 15. World AWG(Arrayed Waveguide Gratings) Module Consumption Forecast by Region (2024-2029) & (K Units)

Table 16. World AWG(Arrayed Waveguide Gratings) Module Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key AWG(Arrayed Waveguide Gratings) Module Producers in 2022

Table 18. World AWG(Arrayed Waveguide Gratings) Module Production by Manufacturer (2018-2023) & (K Units)

Table 19. Production Market Share of Key AWG(Arrayed Waveguide Gratings) Module Producers in 2022

Table 20. World AWG(Arrayed Waveguide Gratings) Module Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 21. Global AWG(Arrayed Waveguide Gratings) Module Company Evaluation Quadrant

Table 22. World AWG(Arrayed Waveguide Gratings) Module Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and AWG(Arrayed Waveguide Gratings) Module Production Site of Key Manufacturer

Table 24. AWG(Arrayed Waveguide Gratings) Module Market: Company Product Type Footprint

Table 25. AWG(Arrayed Waveguide Gratings) Module Market: Company Product Application Footprint

Table 26. AWG(Arrayed Waveguide Gratings) Module Competitive Factors

Table 27. AWG(Arrayed Waveguide Gratings) Module New Entrant and Capacity Expansion Plans

Table 28. AWG(Arrayed Waveguide Gratings) Module Mergers & Acquisitions Activity

Table 29. United States VS China AWG(Arrayed Waveguide Gratings) Module Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China AWG(Arrayed Waveguide Gratings) Module Production Comparison, (2018 & 2022 & 2029) & (K Units)

Table 31. United States VS China AWG(Arrayed Waveguide Gratings) Module Consumption Comparison, (2018 & 2022 & 2029) & (K Units)

Table 32. United States Based AWG(Arrayed Waveguide Gratings) Module Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production (2018-2023) & (K Units)

Table 36. United States Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production Market Share (2018-2023)

Table 37. China Based AWG(Arrayed Waveguide Gratings) Module Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers AWG(Arrayed Waveguide Gratings) Module

Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production (2018-2023) & (K Units)

Table 41. China Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production Market Share (2018-2023)

Table 42. Rest of World Based AWG(Arrayed Waveguide Gratings) Module Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production (2018-2023) & (K Units)

Table 46. Rest of World Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production Market Share (2018-2023)

Table 47. World AWG(Arrayed Waveguide Gratings) Module Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World AWG(Arrayed Waveguide Gratings) Module Production by Type (2018-2023) & (K Units)

Table 49. World AWG(Arrayed Waveguide Gratings) Module Production by Type (2024-2029) & (K Units)

Table 50. World AWG(Arrayed Waveguide Gratings) Module Production Value by Type (2018-2023) & (USD Million)

Table 51. World AWG(Arrayed Waveguide Gratings) Module Production Value by Type (2024-2029) & (USD Million)

Table 52. World AWG(Arrayed Waveguide Gratings) Module Average Price by Type (2018-2023) & (US\$/Unit)

Table 53. World AWG(Arrayed Waveguide Gratings) Module Average Price by Type (2024-2029) & (US\$/Unit)

Table 54. World AWG(Arrayed Waveguide Gratings) Module Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World AWG(Arrayed Waveguide Gratings) Module Production by Application (2018-2023) & (K Units)

Table 56. World AWG(Arrayed Waveguide Gratings) Module Production by Application (2024-2029) & (K Units)

Table 57. World AWG(Arrayed Waveguide Gratings) Module Production Value by Application (2018-2023) & (USD Million)

Table 58. World AWG(Arrayed Waveguide Gratings) Module Production Value by Application (2024-2029) & (USD Million)

Table 59. World AWG(Arrayed Waveguide Gratings) Module Average Price by Application (2018-2023) & (US\$/Unit)

Table 60. World AWG(Arrayed Waveguide Gratings) Module Average Price by Application (2024-2029) & (US\$/Unit)

Table 61. Lumentum Basic Information, Manufacturing Base and Competitors

Table 62. Lumentum Major Business

Table 63. Lumentum AWG(Arrayed Waveguide Gratings) Module Product and Services

Table 64. Lumentum AWG(Arrayed Waveguide Gratings) Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Lumentum Recent Developments/Updates

Table 66. Lumentum Competitive Strengths & Weaknesses

Table 67. Senko Advanced Components Basic Information, Manufacturing Base and Competitors

Table 68. Senko Advanced Components Major Business

Table 69. Senko Advanced Components AWG(Arrayed Waveguide Gratings) Module Product and Services

Table 70. Senko Advanced Components AWG(Arrayed Waveguide Gratings) Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Senko Advanced Components Recent Developments/Updates

Table 72. Senko Advanced Components Competitive Strengths & Weaknesses

Table 73. NTT Electronics Basic Information, Manufacturing Base and Competitors

Table 74. NTT Electronics Major Business

Table 75. NTT Electronics AWG(Arrayed Waveguide Gratings) Module Product and Services

Table 76. NTT Electronics AWG(Arrayed Waveguide Gratings) Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. NTT Electronics Recent Developments/Updates

Table 78. NTT Electronics Competitive Strengths & Weaknesses

Table 79. Enablence Basic Information, Manufacturing Base and Competitors

Table 80. Enablence Major Business

Table 81. Enablence AWG(Arrayed Waveguide Gratings) Module Product and Services

Table 82. Enablence AWG(Arrayed Waveguide Gratings) Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Enablence Recent Developments/Updates

Table 84. Enablence Competitive Strengths & Weaknesses

Table 85. Accelink Technologies Basic Information, Manufacturing Base and Competitors
Table 86. Accelink Technologies Major Business
Table 87. Accelink Technologies AWG(Arrayed Waveguide Gratings) Module Product and Services
Table 88. Accelink Technologies AWG(Arrayed Waveguide Gratings) Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 89. Accelink Technologies Recent Developments/Updates
Table 90. Accelink Technologies Competitive Strengths & Weaknesses
Table 91. Sintai Communication Basic Information, Manufacturing Base and Competitors
Table 92. Sintai Communication Major Business
Table 93. Sintai Communication AWG(Arrayed Waveguide Gratings) Module Product and Services
Table 94. Sintai Communication AWG(Arrayed Waveguide Gratings) Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 95. Sintai Communication Recent Developments/Updates
Table 96. Sintai Communication Competitive Strengths & Weaknesses
Table 97. Broadex Technologies Basic Information, Manufacturing Base and Competitors
Table 98. Broadex Technologies Major Business
Table 99. Broadex Technologies AWG(Arrayed Waveguide Gratings) Module Product and Services
Table 100. Broadex Technologies AWG(Arrayed Waveguide Gratings) Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 101. Broadex Technologies Recent Developments/Updates
Table 102. Broadex Technologies Competitive Strengths & Weaknesses
Table 103. Fiberroad Technology Basic Information, Manufacturing Base and Competitors
Table 104. Fiberroad Technology Major Business
Table 105. Fiberroad Technology AWG(Arrayed Waveguide Gratings) Module Product and Services
Table 106. Fiberroad Technology AWG(Arrayed Waveguide Gratings) Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 107. Fiberroad Technology Recent Developments/Updates

Table 108. Fiberroad Technology Competitive Strengths & Weaknesses
Table 109. Agilecom Basic Information, Manufacturing Base and Competitors
Table 110. Agilecom Major Business
Table 111. Agilecom AWG(Arrayed Waveguide Gratings) Module Product and Services
Table 112. Agilecom AWG(Arrayed Waveguide Gratings) Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 113. Agilecom Recent Developments/Updates
Table 114. Agilecom Competitive Strengths & Weaknesses
Table 115. Shenzhen Gigalight Technology Basic Information, Manufacturing Base and Competitors
Table 116. Shenzhen Gigalight Technology Major Business
Table 117. Shenzhen Gigalight Technology AWG(Arrayed Waveguide Gratings) Module Product and Services
Table 118. Shenzhen Gigalight Technology AWG(Arrayed Waveguide Gratings) Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 119. Shenzhen Gigalight Technology Recent Developments/Updates
Table 120. Shenzhen Gigalight Technology Competitive Strengths & Weaknesses
Table 121. Teosco Technologies Basic Information, Manufacturing Base and Competitors
Table 122. Teosco Technologies Major Business
Table 123. Teosco Technologies AWG(Arrayed Waveguide Gratings) Module Product and Services
Table 124. Teosco Technologies AWG(Arrayed Waveguide Gratings) Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 125. Teosco Technologies Recent Developments/Updates
Table 126. Teosco Technologies Competitive Strengths & Weaknesses
Table 127. Flyin Optronics Basic Information, Manufacturing Base and Competitors
Table 128. Flyin Optronics Major Business
Table 129. Flyin Optronics AWG(Arrayed Waveguide Gratings) Module Product and Services
Table 130. Flyin Optronics AWG(Arrayed Waveguide Gratings) Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
Table 131. Flyin Optronics Recent Developments/Updates
Table 132. Flyin Optronics Competitive Strengths & Weaknesses
Table 133. DK Photonics Technology Basic Information, Manufacturing Base and

Competitors

Table 134. DK Photonics Technology Major Business

Table 135. DK Photonics Technology AWG(Arrayed Waveguide Gratings) Module Product and Services

Table 136. DK Photonics Technology AWG(Arrayed Waveguide Gratings) Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 137. DK Photonics Technology Recent Developments/Updates

Table 138. HYC Basic Information, Manufacturing Base and Competitors

Table 139. HYC Major Business

Table 140. HYC AWG(Arrayed Waveguide Gratings) Module Product and Services

Table 141. HYC AWG(Arrayed Waveguide Gratings) Module Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 142. Global Key Players of AWG(Arrayed Waveguide Gratings) Module Upstream (Raw Materials)

Table 143. AWG(Arrayed Waveguide Gratings) Module Typical Customers

Table 144. AWG(Arrayed Waveguide Gratings) Module Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. AWG(Arrayed Waveguide Gratings) Module Picture

Figure 2. World AWG(Arrayed Waveguide Gratings) Module Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World AWG(Arrayed Waveguide Gratings) Module Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World AWG(Arrayed Waveguide Gratings) Module Production (2018-2029) & (K Units)

Figure 5. World AWG(Arrayed Waveguide Gratings) Module Average Price (2018-2029) & (US\$/Unit)

Figure 6. World AWG(Arrayed Waveguide Gratings) Module Production Value Market Share by Region (2018-2029)

Figure 7. World AWG(Arrayed Waveguide Gratings) Module Production Market Share by Region (2018-2029)

Figure 8. North America AWG(Arrayed Waveguide Gratings) Module Production (2018-2029) & (K Units)

Figure 9. Europe AWG(Arrayed Waveguide Gratings) Module Production (2018-2029) & (K Units)

Figure 10. China AWG(Arrayed Waveguide Gratings) Module Production (2018-2029) & (K Units)

Figure 11. Japan AWG(Arrayed Waveguide Gratings) Module Production (2018-2029) & (K Units)

Figure 12. South Korea AWG(Arrayed Waveguide Gratings) Module Production (2018-2029) & (K Units)

Figure 13. AWG(Arrayed Waveguide Gratings) Module Market Drivers

Figure 14. Factors Affecting Demand

Figure 15. World AWG(Arrayed Waveguide Gratings) Module Consumption (2018-2029) & (K Units)

Figure 16. World AWG(Arrayed Waveguide Gratings) Module Consumption Market Share by Region (2018-2029)

Figure 17. United States AWG(Arrayed Waveguide Gratings) Module Consumption (2018-2029) & (K Units)

Figure 18. China AWG(Arrayed Waveguide Gratings) Module Consumption (2018-2029) & (K Units)

Figure 19. Europe AWG(Arrayed Waveguide Gratings) Module Consumption (2018-2029) & (K Units)

Figure 20. Japan AWG(Arrayed Waveguide Gratings) Module Consumption (2018-2029) & (K Units)

Figure 21. South Korea AWG(Arrayed Waveguide Gratings) Module Consumption (2018-2029) & (K Units)

Figure 22. ASEAN AWG(Arrayed Waveguide Gratings) Module Consumption (2018-2029) & (K Units)

Figure 23. India AWG(Arrayed Waveguide Gratings) Module Consumption (2018-2029) & (K Units)

Figure 24. Producer Shipments of AWG(Arrayed Waveguide Gratings) Module by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 25. Global Four-firm Concentration Ratios (CR4) for AWG(Arrayed Waveguide Gratings) Module Markets in 2022

Figure 26. Global Four-firm Concentration Ratios (CR8) for AWG(Arrayed Waveguide Gratings) Module Markets in 2022

Figure 27. United States VS China: AWG(Arrayed Waveguide Gratings) Module Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: AWG(Arrayed Waveguide Gratings) Module Production Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States VS China: AWG(Arrayed Waveguide Gratings) Module Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 30. United States Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production Market Share 2022

Figure 31. China Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production Market Share 2022

Figure 32. Rest of World Based Manufacturers AWG(Arrayed Waveguide Gratings) Module Production Market Share 2022

Figure 33. World AWG(Arrayed Waveguide Gratings) Module Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 34. World AWG(Arrayed Waveguide Gratings) Module Production Value Market Share by Type in 2022

Figure 35. Athermal AWG (AAWG)

Figure 36. Thermal AWG (TAWG)

Figure 37. World AWG(Arrayed Waveguide Gratings) Module Production Market Share by Type (2018-2029)

Figure 38. World AWG(Arrayed Waveguide Gratings) Module Production Value Market Share by Type (2018-2029)

Figure 39. World AWG(Arrayed Waveguide Gratings) Module Average Price by Type (2018-2029) & (US\$/Unit)

Figure 40. World AWG(Arrayed Waveguide Gratings) Module Production Value by

Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World AWG(Arrayed Waveguide Gratings) Module Production Value Market Share by Application in 2022

Figure 42. Wavelength Division Multiplexing (WDM)

Figure 43. Optical Add-Drop Multiplexing (OADM)

Figure 44. ROADM (Reconfigurable Optical Add-Drop Multiplexer)

Figure 45. Fiber Sensing

Figure 46. Photonic Integrated Circuits (PICs)

Figure 47. Others

Figure 48. World AWG(Arrayed Waveguide Gratings) Module Production Market Share by Application (2018-2029)

Figure 49. World AWG(Arrayed Waveguide Gratings) Module Production Value Market Share by Application (2018-2029)

Figure 50. World AWG(Arrayed Waveguide Gratings) Module Average Price by Application (2018-2029) & (US\$/Unit)

Figure 51. AWG(Arrayed Waveguide Gratings) Module Industry Chain

Figure 52. AWG(Arrayed Waveguide Gratings) Module Procurement Model

Figure 53. AWG(Arrayed Waveguide Gratings) Module Sales Model

Figure 54. AWG(Arrayed Waveguide Gratings) Module Sales Channels, Direct Sales, and Distribution

Figure 55. Methodology

Figure 56. Research Process and Data Source

I would like to order

Product name: Global AWG(Arrayed Waveguide Gratings) Module Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/G1EFA770642BEN.html>

Price: US\$ 4,480.00 (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 <https://marketpublishers.com/r/G1EFA770642BEN.html>