

Global Athermal Arrayed Waveguide Grating Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029

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Abstracts

According to our (Global Info Research) latest study, the global Athermal Arrayed Waveguide Grating market size was valued at USD million in 2022 and is forecast to a readjusted size of USD million by 2029 with a CAGR of % during review period.

Athermal Arrayed Waveguide Grating is an optical device used for wavelength division multiplexing (WDM) applications in optical communication systems. It is designed to achieve wavelength-selective properties that are stable at different temperatures, i.e. unaffected by temperature changes.

The Global Info Research report includes an overview of the development of the Athermal Arrayed Waveguide Grating industry chain, the market status of Internet Backbone Networks (50GHz, 100GHz), Enterprise Networks (50GHz, 100GHz), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Athermal Arrayed Waveguide Grating.

Regionally, the report analyzes the Athermal Arrayed Waveguide Grating markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Athermal Arrayed Waveguide Grating market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Athermal Arrayed Waveguide

Grating market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Athermal Arrayed Waveguide Grating industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., 50GHz, 100GHz).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Athermal Arrayed Waveguide Grating market.

Regional Analysis: The report involves examining the Athermal Arrayed Waveguide Grating market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Athermal Arrayed Waveguide Grating market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Athermal Arrayed Waveguide Grating:

Company Analysis: Report covers individual Athermal Arrayed Waveguide Grating manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Athermal Arrayed Waveguide Grating This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Internet Backbone Networks, Enterprise Networks).

Technology Analysis: Report covers specific technologies relevant to Athermal Arrayed Waveguide Grating. It assesses the current state, advancements, and potential future developments in Athermal Arrayed Waveguide Grating areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Athermal Arrayed Waveguide Grating market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Athermal Arrayed Waveguide Grating market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Market segment by Type

50GHz

100GHz

150GHz

Others

Market segment by Application

Internet Backbone Networks

Enterprise Networks

Others

Major players covered

Agilecom

Enablence

Lumentum

PPI

Molex

POINTek

HYC

DK Photonics Technology

Flyin Optronics

Teosco Technologies

GEZHI Photonics

PHXFIBER

North Ocean Photonics

Shenzhen Gigalight

Wuhan Yilut Technology

Shenzhen Seacent Photonics

SHENZHEN OPELINK TECHNOLOGY

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Athermal Arrayed Waveguide Grating product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Athermal Arrayed Waveguide Grating, with price, sales, revenue and global market share of Athermal Arrayed Waveguide Grating from 2018 to 2023.

Chapter 3, the Athermal Arrayed Waveguide Grating competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Athermal Arrayed Waveguide Grating breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022. and Athermal Arrayed Waveguide Grating market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Athermal Arrayed Waveguide Grating.

Chapter 14 and 15, to describe Athermal Arrayed Waveguide Grating sales channel, distributors, customers, research findings and conclusion.

Contents

1 MARKET OVERVIEW

- 1.1 Product Overview and Scope of Athermal Arrayed Waveguide Grating
- 1.2 Market Estimation Caveats and Base Year
- 1.3 Market Analysis by Type
 - 1.3.1 Overview: Global Athermal Arrayed Waveguide Grating Consumption Value by Type: 2018 Versus 2022 Versus 2029
 - 1.3.2 50GHz
 - 1.3.3 100GHz
 - 1.3.4 150GHz
 - 1.3.5 Others
- 1.4 Market Analysis by Application
 - 1.4.1 Overview: Global Athermal Arrayed Waveguide Grating Consumption Value by Application: 2018 Versus 2022 Versus 2029
 - 1.4.2 Internet Backbone Networks
 - 1.4.3 Enterprise Networks
 - 1.4.4 Others
- 1.5 Global Athermal Arrayed Waveguide Grating Market Size & Forecast
 - 1.5.1 Global Athermal Arrayed Waveguide Grating Consumption Value (2018 & 2022 & 2029)
 - 1.5.2 Global Athermal Arrayed Waveguide Grating Sales Quantity (2018-2029)
 - 1.5.3 Global Athermal Arrayed Waveguide Grating Average Price (2018-2029)

2 MANUFACTURERS PROFILES

- 2.1 Agilecom
 - 2.1.1 Agilecom Details
 - 2.1.2 Agilecom Major Business
 - 2.1.3 Agilecom Athermal Arrayed Waveguide Grating Product and Services
 - 2.1.4 Agilecom Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.1.5 Agilecom Recent Developments/Updates
- 2.2 Enablence
 - 2.2.1 Enablence Details
 - 2.2.2 Enablence Major Business
 - 2.2.3 Enablence Athermal Arrayed Waveguide Grating Product and Services
 - 2.2.4 Enablence Athermal Arrayed Waveguide Grating Sales Quantity, Average Price,

Revenue, Gross Margin and Market Share (2018-2023)

2.2.5 Enablence Recent Developments/Updates

2.3 Lumentum

2.3.1 Lumentum Details

2.3.2 Lumentum Major Business

2.3.3 Lumentum Athermal Arrayed Waveguide Grating Product and Services

2.3.4 Lumentum Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.3.5 Lumentum Recent Developments/Updates

2.4 PPI

2.4.1 PPI Details

2.4.2 PPI Major Business

2.4.3 PPI Athermal Arrayed Waveguide Grating Product and Services

2.4.4 PPI Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.4.5 PPI Recent Developments/Updates

2.5 Molex

2.5.1 Molex Details

2.5.2 Molex Major Business

2.5.3 Molex Athermal Arrayed Waveguide Grating Product and Services

2.5.4 Molex Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.5.5 Molex Recent Developments/Updates

2.6 POINTek

2.6.1 POINTek Details

2.6.2 POINTek Major Business

2.6.3 POINTek Athermal Arrayed Waveguide Grating Product and Services

2.6.4 POINTek Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.6.5 POINTek Recent Developments/Updates

2.7 HYC

2.7.1 HYC Details

2.7.2 HYC Major Business

2.7.3 HYC Athermal Arrayed Waveguide Grating Product and Services

2.7.4 HYC Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.7.5 HYC Recent Developments/Updates

2.8 DK Photonics Technology

2.8.1 DK Photonics Technology Details

- 2.8.2 DK Photonics Technology Major Business
- 2.8.3 DK Photonics Technology Athermal Arrayed Waveguide Grating Product and Services
- 2.8.4 DK Photonics Technology Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
- 2.8.5 DK Photonics Technology Recent Developments/Updates
- 2.9 Flyin Optronics
 - 2.9.1 Flyin Optronics Details
 - 2.9.2 Flyin Optronics Major Business
 - 2.9.3 Flyin Optronics Athermal Arrayed Waveguide Grating Product and Services
 - 2.9.4 Flyin Optronics Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.9.5 Flyin Optronics Recent Developments/Updates
- 2.10 Teosco Technologies
 - 2.10.1 Teosco Technologies Details
 - 2.10.2 Teosco Technologies Major Business
 - 2.10.3 Teosco Technologies Athermal Arrayed Waveguide Grating Product and Services
 - 2.10.4 Teosco Technologies Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.10.5 Teosco Technologies Recent Developments/Updates
- 2.11 GEZHI Photonics
 - 2.11.1 GEZHI Photonics Details
 - 2.11.2 GEZHI Photonics Major Business
 - 2.11.3 GEZHI Photonics Athermal Arrayed Waveguide Grating Product and Services
 - 2.11.4 GEZHI Photonics Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.11.5 GEZHI Photonics Recent Developments/Updates
- 2.12 PHXFIBER
 - 2.12.1 PHXFIBER Details
 - 2.12.2 PHXFIBER Major Business
 - 2.12.3 PHXFIBER Athermal Arrayed Waveguide Grating Product and Services
 - 2.12.4 PHXFIBER Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)
 - 2.12.5 PHXFIBER Recent Developments/Updates
- 2.13 North Ocean Photonics
 - 2.13.1 North Ocean Photonics Details
 - 2.13.2 North Ocean Photonics Major Business
 - 2.13.3 North Ocean Photonics Athermal Arrayed Waveguide Grating Product and

Services

2.13.4 North Ocean Photonics Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.13.5 North Ocean Photonics Recent Developments/Updates

2.14 Shenzhen Gigalight

2.14.1 Shenzhen Gigalight Details

2.14.2 Shenzhen Gigalight Major Business

2.14.3 Shenzhen Gigalight Athermal Arrayed Waveguide Grating Product and Services

2.14.4 Shenzhen Gigalight Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.14.5 Shenzhen Gigalight Recent Developments/Updates

2.15 Wuhan Yilut Technology

2.15.1 Wuhan Yilut Technology Details

2.15.2 Wuhan Yilut Technology Major Business

2.15.3 Wuhan Yilut Technology Athermal Arrayed Waveguide Grating Product and Services

2.15.4 Wuhan Yilut Technology Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.15.5 Wuhan Yilut Technology Recent Developments/Updates

2.16 Shenzhen Seacent Photonics

2.16.1 Shenzhen Seacent Photonics Details

2.16.2 Shenzhen Seacent Photonics Major Business

2.16.3 Shenzhen Seacent Photonics Athermal Arrayed Waveguide Grating Product and Services

2.16.4 Shenzhen Seacent Photonics Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.16.5 Shenzhen Seacent Photonics Recent Developments/Updates

2.17 SHENZHEN OPELINK TECHNOLOGY

2.17.1 SHENZHEN OPELINK TECHNOLOGY Details

2.17.2 SHENZHEN OPELINK TECHNOLOGY Major Business

2.17.3 SHENZHEN OPELINK TECHNOLOGY Athermal Arrayed Waveguide Grating Product and Services

2.17.4 SHENZHEN OPELINK TECHNOLOGY Athermal Arrayed Waveguide Grating Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2018-2023)

2.17.5 SHENZHEN OPELINK TECHNOLOGY Recent Developments/Updates

3 COMPETITIVE ENVIRONMENT: ATHERMAL ARRAYED WAVEGUIDE GRATING BY MANUFACTURER

- 3.1 Global Athermal Arrayed Waveguide Grating Sales Quantity by Manufacturer (2018-2023)
- 3.2 Global Athermal Arrayed Waveguide Grating Revenue by Manufacturer (2018-2023)
- 3.3 Global Athermal Arrayed Waveguide Grating Average Price by Manufacturer (2018-2023)
- 3.4 Market Share Analysis (2022)
 - 3.4.1 Producer Shipments of Athermal Arrayed Waveguide Grating by Manufacturer Revenue (\$MM) and Market Share (%): 2022
 - 3.4.2 Top 3 Athermal Arrayed Waveguide Grating Manufacturer Market Share in 2022
 - 3.4.2 Top 6 Athermal Arrayed Waveguide Grating Manufacturer Market Share in 2022
- 3.5 Athermal Arrayed Waveguide Grating Market: Overall Company Footprint Analysis
 - 3.5.1 Athermal Arrayed Waveguide Grating Market: Region Footprint
 - 3.5.2 Athermal Arrayed Waveguide Grating Market: Company Product Type Footprint
 - 3.5.3 Athermal Arrayed Waveguide Grating Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

4 CONSUMPTION ANALYSIS BY REGION

- 4.1 Global Athermal Arrayed Waveguide Grating Market Size by Region
 - 4.1.1 Global Athermal Arrayed Waveguide Grating Sales Quantity by Region (2018-2029)
 - 4.1.2 Global Athermal Arrayed Waveguide Grating Consumption Value by Region (2018-2029)
 - 4.1.3 Global Athermal Arrayed Waveguide Grating Average Price by Region (2018-2029)
- 4.2 North America Athermal Arrayed Waveguide Grating Consumption Value (2018-2029)
- 4.3 Europe Athermal Arrayed Waveguide Grating Consumption Value (2018-2029)
- 4.4 Asia-Pacific Athermal Arrayed Waveguide Grating Consumption Value (2018-2029)
- 4.5 South America Athermal Arrayed Waveguide Grating Consumption Value (2018-2029)
- 4.6 Middle East and Africa Athermal Arrayed Waveguide Grating Consumption Value (2018-2029)

5 MARKET SEGMENT BY TYPE

- 5.1 Global Athermal Arrayed Waveguide Grating Sales Quantity by Type (2018-2029)
- 5.2 Global Athermal Arrayed Waveguide Grating Consumption Value by Type (2018-2029)
- 5.3 Global Athermal Arrayed Waveguide Grating Average Price by Type (2018-2029)

6 MARKET SEGMENT BY APPLICATION

- 6.1 Global Athermal Arrayed Waveguide Grating Sales Quantity by Application (2018-2029)
- 6.2 Global Athermal Arrayed Waveguide Grating Consumption Value by Application (2018-2029)
- 6.3 Global Athermal Arrayed Waveguide Grating Average Price by Application (2018-2029)

7 NORTH AMERICA

- 7.1 North America Athermal Arrayed Waveguide Grating Sales Quantity by Type (2018-2029)
- 7.2 North America Athermal Arrayed Waveguide Grating Sales Quantity by Application (2018-2029)
- 7.3 North America Athermal Arrayed Waveguide Grating Market Size by Country
 - 7.3.1 North America Athermal Arrayed Waveguide Grating Sales Quantity by Country (2018-2029)
 - 7.3.2 North America Athermal Arrayed Waveguide Grating Consumption Value by Country (2018-2029)
 - 7.3.3 United States Market Size and Forecast (2018-2029)
 - 7.3.4 Canada Market Size and Forecast (2018-2029)
 - 7.3.5 Mexico Market Size and Forecast (2018-2029)

8 EUROPE

- 8.1 Europe Athermal Arrayed Waveguide Grating Sales Quantity by Type (2018-2029)
- 8.2 Europe Athermal Arrayed Waveguide Grating Sales Quantity by Application (2018-2029)
- 8.3 Europe Athermal Arrayed Waveguide Grating Market Size by Country
 - 8.3.1 Europe Athermal Arrayed Waveguide Grating Sales Quantity by Country (2018-2029)
 - 8.3.2 Europe Athermal Arrayed Waveguide Grating Consumption Value by Country (2018-2029)

- 8.3.3 Germany Market Size and Forecast (2018-2029)
- 8.3.4 France Market Size and Forecast (2018-2029)
- 8.3.5 United Kingdom Market Size and Forecast (2018-2029)
- 8.3.6 Russia Market Size and Forecast (2018-2029)
- 8.3.7 Italy Market Size and Forecast (2018-2029)

9 ASIA-PACIFIC

- 9.1 Asia-Pacific Athermal Arrayed Waveguide Grating Sales Quantity by Type (2018-2029)
- 9.2 Asia-Pacific Athermal Arrayed Waveguide Grating Sales Quantity by Application (2018-2029)
- 9.3 Asia-Pacific Athermal Arrayed Waveguide Grating Market Size by Region
 - 9.3.1 Asia-Pacific Athermal Arrayed Waveguide Grating Sales Quantity by Region (2018-2029)
 - 9.3.2 Asia-Pacific Athermal Arrayed Waveguide Grating Consumption Value by Region (2018-2029)
 - 9.3.3 China Market Size and Forecast (2018-2029)
 - 9.3.4 Japan Market Size and Forecast (2018-2029)
 - 9.3.5 Korea Market Size and Forecast (2018-2029)
 - 9.3.6 India Market Size and Forecast (2018-2029)
 - 9.3.7 Southeast Asia Market Size and Forecast (2018-2029)
 - 9.3.8 Australia Market Size and Forecast (2018-2029)

10 SOUTH AMERICA

- 10.1 South America Athermal Arrayed Waveguide Grating Sales Quantity by Type (2018-2029)
- 10.2 South America Athermal Arrayed Waveguide Grating Sales Quantity by Application (2018-2029)
- 10.3 South America Athermal Arrayed Waveguide Grating Market Size by Country
 - 10.3.1 South America Athermal Arrayed Waveguide Grating Sales Quantity by Country (2018-2029)
 - 10.3.2 South America Athermal Arrayed Waveguide Grating Consumption Value by Country (2018-2029)
 - 10.3.3 Brazil Market Size and Forecast (2018-2029)
 - 10.3.4 Argentina Market Size and Forecast (2018-2029)

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Athermal Arrayed Waveguide Grating Sales Quantity by Type (2018-2029)

11.2 Middle East & Africa Athermal Arrayed Waveguide Grating Sales Quantity by Application (2018-2029)

11.3 Middle East & Africa Athermal Arrayed Waveguide Grating Market Size by Country

11.3.1 Middle East & Africa Athermal Arrayed Waveguide Grating Sales Quantity by Country (2018-2029)

11.3.2 Middle East & Africa Athermal Arrayed Waveguide Grating Consumption Value by Country (2018-2029)

11.3.3 Turkey Market Size and Forecast (2018-2029)

11.3.4 Egypt Market Size and Forecast (2018-2029)

11.3.5 Saudi Arabia Market Size and Forecast (2018-2029)

11.3.6 South Africa Market Size and Forecast (2018-2029)

12 MARKET DYNAMICS

12.1 Athermal Arrayed Waveguide Grating Market Drivers

12.2 Athermal Arrayed Waveguide Grating Market Restraints

12.3 Athermal Arrayed Waveguide Grating Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

13 RAW MATERIAL AND INDUSTRY CHAIN

13.1 Raw Material of Athermal Arrayed Waveguide Grating and Key Manufacturers

13.2 Manufacturing Costs Percentage of Athermal Arrayed Waveguide Grating

13.3 Athermal Arrayed Waveguide Grating Production Process

13.4 Athermal Arrayed Waveguide Grating Industrial Chain

14 SHIPMENTS BY DISTRIBUTION CHANNEL

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Athermal Arrayed Waveguide Grating Typical Distributors

14.3 Athermal Arrayed Waveguide Grating Typical Customers

15 RESEARCH FINDINGS AND CONCLUSION

16 APPENDIX

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Athermal Arrayed Waveguide Grating Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Table 2. Global Athermal Arrayed Waveguide Grating Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Table 3. Agilecom Basic Information, Manufacturing Base and Competitors

Table 4. Agilecom Major Business

Table 5. Agilecom Athermal Arrayed Waveguide Grating Product and Services

Table 6. Agilecom Athermal Arrayed Waveguide Grating Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 7. Agilecom Recent Developments/Updates

Table 8. Enablence Basic Information, Manufacturing Base and Competitors

Table 9. Enablence Major Business

Table 10. Enablence Athermal Arrayed Waveguide Grating Product and Services

Table 11. Enablence Athermal Arrayed Waveguide Grating Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 12. Enablence Recent Developments/Updates

Table 13. Lumentum Basic Information, Manufacturing Base and Competitors

Table 14. Lumentum Major Business

Table 15. Lumentum Athermal Arrayed Waveguide Grating Product and Services

Table 16. Lumentum Athermal Arrayed Waveguide Grating Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 17. Lumentum Recent Developments/Updates

Table 18. PPI Basic Information, Manufacturing Base and Competitors

Table 19. PPI Major Business

Table 20. PPI Athermal Arrayed Waveguide Grating Product and Services

Table 21. PPI Athermal Arrayed Waveguide Grating Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 22. PPI Recent Developments/Updates

Table 23. Molex Basic Information, Manufacturing Base and Competitors

Table 24. Molex Major Business

Table 25. Molex Athermal Arrayed Waveguide Grating Product and Services

Table 26. Molex Athermal Arrayed Waveguide Grating Sales Quantity (K Units),

Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 27. Molex Recent Developments/Updates

Table 28. POINTek Basic Information, Manufacturing Base and Competitors

Table 29. POINTek Major Business

Table 30. POINTek Athermal Arrayed Waveguide Grating Product and Services

Table 31. POINTek Athermal Arrayed Waveguide Grating Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 32. POINTek Recent Developments/Updates

Table 33. HYC Basic Information, Manufacturing Base and Competitors

Table 34. HYC Major Business

Table 35. HYC Athermal Arrayed Waveguide Grating Product and Services

Table 36. HYC Athermal Arrayed Waveguide Grating Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 37. HYC Recent Developments/Updates

Table 38. DK Photonics Technology Basic Information, Manufacturing Base and Competitors

Table 39. DK Photonics Technology Major Business

Table 40. DK Photonics Technology Athermal Arrayed Waveguide Grating Product and Services

Table 41. DK Photonics Technology Athermal Arrayed Waveguide Grating Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 42. DK Photonics Technology Recent Developments/Updates

Table 43. Flyin Optronics Basic Information, Manufacturing Base and Competitors

Table 44. Flyin Optronics Major Business

Table 45. Flyin Optronics Athermal Arrayed Waveguide Grating Product and Services

Table 46. Flyin Optronics Athermal Arrayed Waveguide Grating Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 47. Flyin Optronics Recent Developments/Updates

Table 48. Teosco Technologies Basic Information, Manufacturing Base and Competitors

Table 49. Teosco Technologies Major Business

Table 50. Teosco Technologies Athermal Arrayed Waveguide Grating Product and Services

Table 51. Teosco Technologies Athermal Arrayed Waveguide Grating Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market

Share (2018-2023)

Table 52. Teosco Technologies Recent Developments/Updates

Table 53. GEZHI Photonics Basic Information, Manufacturing Base and Competitors

Table 54. GEZHI Photonics Major Business

Table 55. GEZHI Photonics Athermal Arrayed Waveguide Grating Product and Services

Table 56. GEZHI Photonics Athermal Arrayed Waveguide Grating Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 57. GEZHI Photonics Recent Developments/Updates

Table 58. PHXFIBER Basic Information, Manufacturing Base and Competitors

Table 59. PHXFIBER Major Business

Table 60. PHXFIBER Athermal Arrayed Waveguide Grating Product and Services

Table 61. PHXFIBER Athermal Arrayed Waveguide Grating Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 62. PHXFIBER Recent Developments/Updates

Table 63. North Ocean Photonics Basic Information, Manufacturing Base and Competitors

Table 64. North Ocean Photonics Major Business

Table 65. North Ocean Photonics Athermal Arrayed Waveguide Grating Product and Services

Table 66. North Ocean Photonics Athermal Arrayed Waveguide Grating Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 67. North Ocean Photonics Recent Developments/Updates

Table 68. Shenzhen Gigalight Basic Information, Manufacturing Base and Competitors

Table 69. Shenzhen Gigalight Major Business

Table 70. Shenzhen Gigalight Athermal Arrayed Waveguide Grating Product and Services

Table 71. Shenzhen Gigalight Athermal Arrayed Waveguide Grating Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 72. Shenzhen Gigalight Recent Developments/Updates

Table 73. Wuhan Yilut Technology Basic Information, Manufacturing Base and Competitors

Table 74. Wuhan Yilut Technology Major Business

Table 75. Wuhan Yilut Technology Athermal Arrayed Waveguide Grating Product and Services

Table 76. Wuhan Yilut Technology Athermal Arrayed Waveguide Grating Sales Quantity

(K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Wuhan Yilut Technology Recent Developments/Updates

Table 78. Shenzhen Seacent Photonics Basic Information, Manufacturing Base and Competitors

Table 79. Shenzhen Seacent Photonics Major Business

Table 80. Shenzhen Seacent Photonics Athermal Arrayed Waveguide Grating Product and Services

Table 81. Shenzhen Seacent Photonics Athermal Arrayed Waveguide Grating Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 82. Shenzhen Seacent Photonics Recent Developments/Updates

Table 83. SHENZHEN OPELINK TECHNOLOGY Basic Information, Manufacturing Base and Competitors

Table 84. SHENZHEN OPELINK TECHNOLOGY Major Business

Table 85. SHENZHEN OPELINK TECHNOLOGY Athermal Arrayed Waveguide Grating Product and Services

Table 86. SHENZHEN OPELINK TECHNOLOGY Athermal Arrayed Waveguide Grating Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2018-2023)

Table 87. SHENZHEN OPELINK TECHNOLOGY Recent Developments/Updates

Table 88. Global Athermal Arrayed Waveguide Grating Sales Quantity by Manufacturer (2018-2023) & (K Units)

Table 89. Global Athermal Arrayed Waveguide Grating Revenue by Manufacturer (2018-2023) & (USD Million)

Table 90. Global Athermal Arrayed Waveguide Grating Average Price by Manufacturer (2018-2023) & (US\$/Unit)

Table 91. Market Position of Manufacturers in Athermal Arrayed Waveguide Grating, (Tier 1, Tier 2, and Tier 3), Based on Consumption Value in 2022

Table 92. Head Office and Athermal Arrayed Waveguide Grating Production Site of Key Manufacturer

Table 93. Athermal Arrayed Waveguide Grating Market: Company Product Type Footprint

Table 94. Athermal Arrayed Waveguide Grating Market: Company Product Application Footprint

Table 95. Athermal Arrayed Waveguide Grating New Market Entrants and Barriers to Market Entry

Table 96. Athermal Arrayed Waveguide Grating Mergers, Acquisition, Agreements, and Collaborations

Table 97. Global Athermal Arrayed Waveguide Grating Sales Quantity by Region (2018-2023) & (K Units)

Table 98. Global Athermal Arrayed Waveguide Grating Sales Quantity by Region (2024-2029) & (K Units)

Table 99. Global Athermal Arrayed Waveguide Grating Consumption Value by Region (2018-2023) & (USD Million)

Table 100. Global Athermal Arrayed Waveguide Grating Consumption Value by Region (2024-2029) & (USD Million)

Table 101. Global Athermal Arrayed Waveguide Grating Average Price by Region (2018-2023) & (US\$/Unit)

Table 102. Global Athermal Arrayed Waveguide Grating Average Price by Region (2024-2029) & (US\$/Unit)

Table 103. Global Athermal Arrayed Waveguide Grating Sales Quantity by Type (2018-2023) & (K Units)

Table 104. Global Athermal Arrayed Waveguide Grating Sales Quantity by Type (2024-2029) & (K Units)

Table 105. Global Athermal Arrayed Waveguide Grating Consumption Value by Type (2018-2023) & (USD Million)

Table 106. Global Athermal Arrayed Waveguide Grating Consumption Value by Type (2024-2029) & (USD Million)

Table 107. Global Athermal Arrayed Waveguide Grating Average Price by Type (2018-2023) & (US\$/Unit)

Table 108. Global Athermal Arrayed Waveguide Grating Average Price by Type (2024-2029) & (US\$/Unit)

Table 109. Global Athermal Arrayed Waveguide Grating Sales Quantity by Application (2018-2023) & (K Units)

Table 110. Global Athermal Arrayed Waveguide Grating Sales Quantity by Application (2024-2029) & (K Units)

Table 111. Global Athermal Arrayed Waveguide Grating Consumption Value by Application (2018-2023) & (USD Million)

Table 112. Global Athermal Arrayed Waveguide Grating Consumption Value by Application (2024-2029) & (USD Million)

Table 113. Global Athermal Arrayed Waveguide Grating Average Price by Application (2018-2023) & (US\$/Unit)

Table 114. Global Athermal Arrayed Waveguide Grating Average Price by Application (2024-2029) & (US\$/Unit)

Table 115. North America Athermal Arrayed Waveguide Grating Sales Quantity by Type (2018-2023) & (K Units)

Table 116. North America Athermal Arrayed Waveguide Grating Sales Quantity by Type

(2024-2029) & (K Units)

Table 117. North America Athermal Arrayed Waveguide Grating Sales Quantity by Application (2018-2023) & (K Units)

Table 118. North America Athermal Arrayed Waveguide Grating Sales Quantity by Application (2024-2029) & (K Units)

Table 119. North America Athermal Arrayed Waveguide Grating Sales Quantity by Country (2018-2023) & (K Units)

Table 120. North America Athermal Arrayed Waveguide Grating Sales Quantity by Country (2024-2029) & (K Units)

Table 121. North America Athermal Arrayed Waveguide Grating Consumption Value by Country (2018-2023) & (USD Million)

Table 122. North America Athermal Arrayed Waveguide Grating Consumption Value by Country (2024-2029) & (USD Million)

Table 123. Europe Athermal Arrayed Waveguide Grating Sales Quantity by Type (2018-2023) & (K Units)

Table 124. Europe Athermal Arrayed Waveguide Grating Sales Quantity by Type (2024-2029) & (K Units)

Table 125. Europe Athermal Arrayed Waveguide Grating Sales Quantity by Application (2018-2023) & (K Units)

Table 126. Europe Athermal Arrayed Waveguide Grating Sales Quantity by Application (2024-2029) & (K Units)

Table 127. Europe Athermal Arrayed Waveguide Grating Sales Quantity by Country (2018-2023) & (K Units)

Table 128. Europe Athermal Arrayed Waveguide Grating Sales Quantity by Country (2024-2029) & (K Units)

Table 129. Europe Athermal Arrayed Waveguide Grating Consumption Value by Country (2018-2023) & (USD Million)

Table 130. Europe Athermal Arrayed Waveguide Grating Consumption Value by Country (2024-2029) & (USD Million)

Table 131. Asia-Pacific Athermal Arrayed Waveguide Grating Sales Quantity by Type (2018-2023) & (K Units)

Table 132. Asia-Pacific Athermal Arrayed Waveguide Grating Sales Quantity by Type (2024-2029) & (K Units)

Table 133. Asia-Pacific Athermal Arrayed Waveguide Grating Sales Quantity by Application (2018-2023) & (K Units)

Table 134. Asia-Pacific Athermal Arrayed Waveguide Grating Sales Quantity by Application (2024-2029) & (K Units)

Table 135. Asia-Pacific Athermal Arrayed Waveguide Grating Sales Quantity by Region (2018-2023) & (K Units)

Table 136. Asia-Pacific Athermal Arrayed Waveguide Grating Sales Quantity by Region (2024-2029) & (K Units)

Table 137. Asia-Pacific Athermal Arrayed Waveguide Grating Consumption Value by Region (2018-2023) & (USD Million)

Table 138. Asia-Pacific Athermal Arrayed Waveguide Grating Consumption Value by Region (2024-2029) & (USD Million)

Table 139. South America Athermal Arrayed Waveguide Grating Sales Quantity by Type (2018-2023) & (K Units)

Table 140. South America Athermal Arrayed Waveguide Grating Sales Quantity by Type (2024-2029) & (K Units)

Table 141. South America Athermal Arrayed Waveguide Grating Sales Quantity by Application (2018-2023) & (K Units)

Table 142. South America Athermal Arrayed Waveguide Grating Sales Quantity by Application (2024-2029) & (K Units)

Table 143. South America Athermal Arrayed Waveguide Grating Sales Quantity by Country (2018-2023) & (K Units)

Table 144. South America Athermal Arrayed Waveguide Grating Sales Quantity by Country (2024-2029) & (K Units)

Table 145. South America Athermal Arrayed Waveguide Grating Consumption Value by Country (2018-2023) & (USD Million)

Table 146. South America Athermal Arrayed Waveguide Grating Consumption Value by Country (2024-2029) & (USD Million)

Table 147. Middle East & Africa Athermal Arrayed Waveguide Grating Sales Quantity by Type (2018-2023) & (K Units)

Table 148. Middle East & Africa Athermal Arrayed Waveguide Grating Sales Quantity by Type (2024-2029) & (K Units)

Table 149. Middle East & Africa Athermal Arrayed Waveguide Grating Sales Quantity by Application (2018-2023) & (K Units)

Table 150. Middle East & Africa Athermal Arrayed Waveguide Grating Sales Quantity by Application (2024-2029) & (K Units)

Table 151. Middle East & Africa Athermal Arrayed Waveguide Grating Sales Quantity by Region (2018-2023) & (K Units)

Table 152. Middle East & Africa Athermal Arrayed Waveguide Grating Sales Quantity by Region (2024-2029) & (K Units)

Table 153. Middle East & Africa Athermal Arrayed Waveguide Grating Consumption Value by Region (2018-2023) & (USD Million)

Table 154. Middle East & Africa Athermal Arrayed Waveguide Grating Consumption Value by Region (2024-2029) & (USD Million)

Table 155. Athermal Arrayed Waveguide Grating Raw Material

Table 156. Key Manufacturers of Athermal Arrayed Waveguide Grating Raw Materials

Table 157. Athermal Arrayed Waveguide Grating Typical Distributors

Table 158. Athermal Arrayed Waveguide Grating Typical Customers

LIST OF FIGURES

s

Figure 1. Athermal Arrayed Waveguide Grating Picture

Figure 2. Global Athermal Arrayed Waveguide Grating Consumption Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 3. Global Athermal Arrayed Waveguide Grating Consumption Value Market Share by Type in 2022

Figure 4. 50GHz Examples

Figure 5. 100GHz Examples

Figure 6. 150GHz Examples

Figure 7. Others Examples

Figure 8. Global Athermal Arrayed Waveguide Grating Consumption Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 9. Global Athermal Arrayed Waveguide Grating Consumption Value Market Share by Application in 2022

Figure 10. Internet Backbone Networks Examples

Figure 11. Enterprise Networks Examples

Figure 12. Others Examples

Figure 13. Global Athermal Arrayed Waveguide Grating Consumption Value, (USD Million): 2018 & 2022 & 2029

Figure 14. Global Athermal Arrayed Waveguide Grating Consumption Value and Forecast (2018-2029) & (USD Million)

Figure 15. Global Athermal Arrayed Waveguide Grating Sales Quantity (2018-2029) & (K Units)

Figure 16. Global Athermal Arrayed Waveguide Grating Average Price (2018-2029) & (US\$/Unit)

Figure 17. Global Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Manufacturer in 2022

Figure 18. Global Athermal Arrayed Waveguide Grating Consumption Value Market Share by Manufacturer in 2022

Figure 19. Producer Shipments of Athermal Arrayed Waveguide Grating by Manufacturer Sales Quantity (\$MM) and Market Share (%): 2021

Figure 20. Top 3 Athermal Arrayed Waveguide Grating Manufacturer (Consumption Value) Market Share in 2022

Figure 21. Top 6 Athermal Arrayed Waveguide Grating Manufacturer (Consumption

Value) Market Share in 2022

Figure 22. Global Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Region (2018-2029)

Figure 23. Global Athermal Arrayed Waveguide Grating Consumption Value Market Share by Region (2018-2029)

Figure 24. North America Athermal Arrayed Waveguide Grating Consumption Value (2018-2029) & (USD Million)

Figure 25. Europe Athermal Arrayed Waveguide Grating Consumption Value (2018-2029) & (USD Million)

Figure 26. Asia-Pacific Athermal Arrayed Waveguide Grating Consumption Value (2018-2029) & (USD Million)

Figure 27. South America Athermal Arrayed Waveguide Grating Consumption Value (2018-2029) & (USD Million)

Figure 28. Middle East & Africa Athermal Arrayed Waveguide Grating Consumption Value (2018-2029) & (USD Million)

Figure 29. Global Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Type (2018-2029)

Figure 30. Global Athermal Arrayed Waveguide Grating Consumption Value Market Share by Type (2018-2029)

Figure 31. Global Athermal Arrayed Waveguide Grating Average Price by Type (2018-2029) & (US\$/Unit)

Figure 32. Global Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Application (2018-2029)

Figure 33. Global Athermal Arrayed Waveguide Grating Consumption Value Market Share by Application (2018-2029)

Figure 34. Global Athermal Arrayed Waveguide Grating Average Price by Application (2018-2029) & (US\$/Unit)

Figure 35. North America Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Type (2018-2029)

Figure 36. North America Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Application (2018-2029)

Figure 37. North America Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Country (2018-2029)

Figure 38. North America Athermal Arrayed Waveguide Grating Consumption Value Market Share by Country (2018-2029)

Figure 39. United States Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 40. Canada Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 41. Mexico Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 42. Europe Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Type (2018-2029)

Figure 43. Europe Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Application (2018-2029)

Figure 44. Europe Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Country (2018-2029)

Figure 45. Europe Athermal Arrayed Waveguide Grating Consumption Value Market Share by Country (2018-2029)

Figure 46. Germany Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 47. France Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 48. United Kingdom Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 49. Russia Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 50. Italy Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 51. Asia-Pacific Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Type (2018-2029)

Figure 52. Asia-Pacific Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Application (2018-2029)

Figure 53. Asia-Pacific Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Region (2018-2029)

Figure 54. Asia-Pacific Athermal Arrayed Waveguide Grating Consumption Value Market Share by Region (2018-2029)

Figure 55. China Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 56. Japan Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 57. Korea Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 58. India Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 59. Southeast Asia Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 60. Australia Athermal Arrayed Waveguide Grating Consumption Value and

Growth Rate (2018-2029) & (USD Million)

Figure 61. South America Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Type (2018-2029)

Figure 62. South America Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Application (2018-2029)

Figure 63. South America Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Country (2018-2029)

Figure 64. South America Athermal Arrayed Waveguide Grating Consumption Value Market Share by Country (2018-2029)

Figure 65. Brazil Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 66. Argentina Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 67. Middle East & Africa Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Type (2018-2029)

Figure 68. Middle East & Africa Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Application (2018-2029)

Figure 69. Middle East & Africa Athermal Arrayed Waveguide Grating Sales Quantity Market Share by Region (2018-2029)

Figure 70. Middle East & Africa Athermal Arrayed Waveguide Grating Consumption Value Market Share by Region (2018-2029)

Figure 71. Turkey Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 72. Egypt Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 73. Saudi Arabia Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 74. South Africa Athermal Arrayed Waveguide Grating Consumption Value and Growth Rate (2018-2029) & (USD Million)

Figure 75. Athermal Arrayed Waveguide Grating Market Drivers

Figure 76. Athermal Arrayed Waveguide Grating Market Restraints

Figure 77. Athermal Arrayed Waveguide Grating Market Trends

Figure 78. Porters Five Forces Analysis

Figure 79. Manufacturing Cost Structure Analysis of Athermal Arrayed Waveguide Grating in 2022

Figure 80. Manufacturing Process Analysis of Athermal Arrayed Waveguide Grating

Figure 81. Athermal Arrayed Waveguide Grating Industrial Chain

Figure 82. Sales Quantity Channel: Direct to End-User vs Distributors

Figure 83. Direct Channel Pros & Cons

Figure 84. Indirect Channel Pros & Cons

Figure 85. Methodology

Figure 86. Research Process and Data Source

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