

Global VPH Transmission Gratings Market Growth 2026-2032

<https://marketpublishers.com/r/GF8F636C2D9CEN.html>

Date: October 2026

Pages: 151

Price: US\$ 3,660.00 (Single User License)

ID: GF8F636C2D9CEN

Abstracts

The global VPH Transmission Gratings market size is predicted to grow from US\$ 13.63 million in 2025 to US\$ 23.38 million in 2032; it is expected to grow at a CAGR of 8.2% from 2026 to 2032.

VPH Transmission Grating is an optical element that diffracts light through a volume of photosensitive material in which a periodic modulation of refractive index has been recorded. When light passes through this structured region, it interacts with the internal index pattern to produce efficient diffraction with low scatter and precise spectral control. VPH transmission gratings are valued for their ability to deliver high efficiency across selected wavelength ranges, stable performance, and flexible design options, making them well suited for spectroscopy, imaging, communications, and a wide range of photonic instruments that require accurate manipulation of transmitted light. VPH Transmission Gratings are priced between \$500 and \$1,000 each, with industry gross margins ranging from 30% to 50%.

The supply chain for VPH Transmission Gratings begins upstream with the production of photosensitive polymers, dichromated gelatin materials, optical glass substrates, and specialized coatings, along with the holographic exposure systems and precision fabrication tools required to create stable refractive index modulations within the recording medium. Midstream activities include grating design, holographic recording, curing, encapsulation, and quality inspection carried out by manufacturers with expertise in advanced optical processing and metrology. Downstream integration occurs in spectrometers, hyperspectral imaging systems, laser modules, communication devices, and scientific instruments, where system developers rely on VPH transmission gratings to deliver high diffraction efficiency, controlled dispersion, and reliable transmitted light management for analytical, industrial, and photonic applications.

United States market for VPH Transmission Gratings is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for VPH Transmission Gratings is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for VPH Transmission Gratings is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key VPH Transmission Gratings players cover AGC, Newport (MKS Instruments), Lightsmyth (Coherent), Thorlabs, Ibsen Photonics, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

Report Scope

LP Information, Inc. (LPI) ' newest research report, the “VPH Transmission Gratings Industry Forecast” looks at past sales and reviews total world VPH Transmission Gratings sales in 2025, providing a comprehensive analysis by region and market sector of projected VPH Transmission Gratings sales for 2026 through 2032. With VPH Transmission Gratings sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world VPH Transmission Gratings industry.

This Insight Report provides a comprehensive analysis of the global VPH Transmission Gratings landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on VPH Transmission Gratings portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global VPH Transmission Gratings market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for VPH Transmission Gratings and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global VPH Transmission Gratings.

This report presents a comprehensive overview, market shares, and growth opportunities of VPH Transmission Gratings market by product type, application, key manufacturers and key regions and countries.

Market Segmentation

Segmentation by Type:

UV

VIS

NIR

Segmentation by Bandwidth:

600nm and Below

600nm Above

Segmentation by Application:

Optical Communication

OCT

Pulse Laser System

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

AGC

Newport (MKS Instruments)

Lightsmyth (Coherent)

Thorlabs

Ibsen Photonics

Horiba

Shimadzu

Wasatch Photonics

CASTECH

Omega Optical

Plymouth Grating Laboratory

Jenoptik

OptiGrate

Ushio

Edmund Optics

Zeiss

Knight Optical

Holographix (Headwall Photonics)

HOLO/OR

OPCO Laboratory

Gitterwerk

Shenyang Ebetter Optics

CTL Photonics

Key Questions Addressed in this Report

What is the 10-year outlook for the global VPH Transmission Gratings market?

What factors are driving VPH Transmission Gratings market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do VPH Transmission Gratings market opportunities vary by end market size?

How does VPH Transmission Gratings break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
 - 2.1.1 Global VPH Transmission Gratings Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for VPH Transmission Gratings by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for VPH Transmission Gratings by Country/Region, 2021, 2025 & 2032
- 2.2 VPH Transmission Gratings Segment by Type
 - 2.2.1 UV
 - 2.2.2 VIS
 - 2.2.3 NIR
 - 2.2.4 VPH Transmission Gratings Sales by Type
 - 2.2.4.1 Global VPH Transmission Gratings Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global VPH Transmission Gratings Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global VPH Transmission Gratings Sale Price by Type (2021-2026)
- 2.3 VPH Transmission Gratings Segment by Bandwidth
 - 2.3.1 600nm and Below
 - 2.3.2 600nm Above
 - 2.3.3 VPH Transmission Gratings Sales by Bandwidth
 - 2.3.3.1 Global VPH Transmission Gratings Sales Market Share by Bandwidth (2021-2026)
 - 2.3.3.2 Global VPH Transmission Gratings Revenue and Market Share by Bandwidth (2021-2026)
 - 2.3.3.3 Global VPH Transmission Gratings Sale Price by Bandwidth (2021-2026)

2.4 VPH Transmission Gratings Segment by Application

2.4.1 Optical Communication

2.4.2 OCT

2.4.3 Pulse Laser System

2.4.4 Others

2.4.5 VPH Transmission Gratings Sales by Application

2.4.5.1 Global VPH Transmission Gratings Sale Market Share by Application
(2021-2026)

2.4.5.2 Global VPH Transmission Gratings Revenue and Market Share by Application
(2021-2026)

2.4.5.3 Global VPH Transmission Gratings Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global VPH Transmission Gratings Breakdown Data by Company

3.1.1 Global VPH Transmission Gratings Annual Sales by Company (2021-2026)

3.1.2 Global VPH Transmission Gratings Sales Market Share by Company
(2021-2026)

3.2 Global VPH Transmission Gratings Annual Revenue by Company (2021-2026)

3.2.1 Global VPH Transmission Gratings Revenue by Company (2021-2026)

3.2.2 Global VPH Transmission Gratings Revenue Market Share by Company
(2021-2026)

3.3 Global VPH Transmission Gratings Sale Price by Company

3.4 Key Manufacturers VPH Transmission Gratings Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers VPH Transmission Gratings Product Location Distribution

3.4.2 Players VPH Transmission Gratings Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR VPH TRANSMISSION GRATINGS BY GEOGRAPHIC REGION

4.1 World Historic VPH Transmission Gratings Market Size by Geographic Region
(2021-2026)

4.1.1 Global VPH Transmission Gratings Annual Sales by Geographic Region

(2021-2026)

4.1.2 Global VPH Transmission Gratings Annual Revenue by Geographic Region

(2021-2026)

4.2 World Historic VPH Transmission Gratings Market Size by Country/Region

(2021-2026)

4.2.1 Global VPH Transmission Gratings Annual Sales by Country/Region

(2021-2026)

4.2.2 Global VPH Transmission Gratings Annual Revenue by Country/Region

(2021-2026)

4.3 Americas VPH Transmission Gratings Sales Growth

4.4 APAC VPH Transmission Gratings Sales Growth

4.5 Europe VPH Transmission Gratings Sales Growth

4.6 Middle East & Africa VPH Transmission Gratings Sales Growth

5 AMERICAS

5.1 Americas VPH Transmission Gratings Sales by Country

5.1.1 Americas VPH Transmission Gratings Sales by Country (2021-2026)

5.1.2 Americas VPH Transmission Gratings Revenue by Country (2021-2026)

5.2 Americas VPH Transmission Gratings Sales by Type (2021-2026)

5.3 Americas VPH Transmission Gratings Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC VPH Transmission Gratings Sales by Region

6.1.1 APAC VPH Transmission Gratings Sales by Region (2021-2026)

6.1.2 APAC VPH Transmission Gratings Revenue by Region (2021-2026)

6.2 APAC VPH Transmission Gratings Sales by Type (2021-2026)

6.3 APAC VPH Transmission Gratings Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe VPH Transmission Gratings by Country

7.1.1 Europe VPH Transmission Gratings Sales by Country (2021-2026)

7.1.2 Europe VPH Transmission Gratings Revenue by Country (2021-2026)

7.2 Europe VPH Transmission Gratings Sales by Type (2021-2026)

7.3 Europe VPH Transmission Gratings Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa VPH Transmission Gratings by Country

8.1.1 Middle East & Africa VPH Transmission Gratings Sales by Country (2021-2026)

8.1.2 Middle East & Africa VPH Transmission Gratings Revenue by Country (2021-2026)

8.2 Middle East & Africa VPH Transmission Gratings Sales by Type (2021-2026)

8.3 Middle East & Africa VPH Transmission Gratings Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of VPH Transmission Gratings

10.3 Manufacturing Process Analysis of VPH Transmission Gratings

10.4 Industry Chain Structure of VPH Transmission Gratings

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 VPH Transmission Gratings Distributors

11.3 VPH Transmission Gratings Customer

12 WORLD FORECAST REVIEW FOR VPH TRANSMISSION GRATINGS BY GEOGRAPHIC REGION

12.1 Global VPH Transmission Gratings Market Size Forecast by Region

12.1.1 Global VPH Transmission Gratings Forecast by Region (2027-2032)

12.1.2 Global VPH Transmission Gratings Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global VPH Transmission Gratings Forecast by Type (2027-2032)

12.7 Global VPH Transmission Gratings Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 AGC

13.1.1 AGC Company Information

13.1.2 AGC VPH Transmission Gratings Product Portfolios and Specifications

13.1.3 AGC VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 AGC Main Business Overview

13.1.5 AGC Latest Developments

13.2 Newport (MKS Instruments)

13.2.1 Newport (MKS Instruments) Company Information

13.2.2 Newport (MKS Instruments) VPH Transmission Gratings Product Portfolios and Specifications

13.2.3 Newport (MKS Instruments) VPH Transmission Gratings Sales, Revenue, Price

and Gross Margin (2021-2026)

13.2.4 Newport (MKS Instruments) Main Business Overview

13.2.5 Newport (MKS Instruments) Latest Developments

13.3 Lightsmyth (Coherent)

13.3.1 Lightsmyth (Coherent) Company Information

13.3.2 Lightsmyth (Coherent) VPH Transmission Gratings Product Portfolios and Specifications

13.3.3 Lightsmyth (Coherent) VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Lightsmyth (Coherent) Main Business Overview

13.3.5 Lightsmyth (Coherent) Latest Developments

13.4 Thorlabs

13.4.1 Thorlabs Company Information

13.4.2 Thorlabs VPH Transmission Gratings Product Portfolios and Specifications

13.4.3 Thorlabs VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Thorlabs Main Business Overview

13.4.5 Thorlabs Latest Developments

13.5 Ibsen Photonics

13.5.1 Ibsen Photonics Company Information

13.5.2 Ibsen Photonics VPH Transmission Gratings Product Portfolios and Specifications

13.5.3 Ibsen Photonics VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 Ibsen Photonics Main Business Overview

13.5.5 Ibsen Photonics Latest Developments

13.6 Horiba

13.6.1 Horiba Company Information

13.6.2 Horiba VPH Transmission Gratings Product Portfolios and Specifications

13.6.3 Horiba VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Horiba Main Business Overview

13.6.5 Horiba Latest Developments

13.7 Shimadzu

13.7.1 Shimadzu Company Information

13.7.2 Shimadzu VPH Transmission Gratings Product Portfolios and Specifications

13.7.3 Shimadzu VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Shimadzu Main Business Overview

- 13.7.5 Shimadzu Latest Developments
- 13.8 Wasatch Photonics
 - 13.8.1 Wasatch Photonics Company Information
 - 13.8.2 Wasatch Photonics VPH Transmission Gratings Product Portfolios and Specifications
 - 13.8.3 Wasatch Photonics VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.8.4 Wasatch Photonics Main Business Overview
 - 13.8.5 Wasatch Photonics Latest Developments
- 13.9 CASTECH
 - 13.9.1 CASTECH Company Information
 - 13.9.2 CASTECH VPH Transmission Gratings Product Portfolios and Specifications
 - 13.9.3 CASTECH VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.9.4 CASTECH Main Business Overview
 - 13.9.5 CASTECH Latest Developments
- 13.10 Omega Optical
 - 13.10.1 Omega Optical Company Information
 - 13.10.2 Omega Optical VPH Transmission Gratings Product Portfolios and Specifications
 - 13.10.3 Omega Optical VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.10.4 Omega Optical Main Business Overview
 - 13.10.5 Omega Optical Latest Developments
- 13.11 Plymouth Grating Laboratory
 - 13.11.1 Plymouth Grating Laboratory Company Information
 - 13.11.2 Plymouth Grating Laboratory VPH Transmission Gratings Product Portfolios and Specifications
 - 13.11.3 Plymouth Grating Laboratory VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.11.4 Plymouth Grating Laboratory Main Business Overview
 - 13.11.5 Plymouth Grating Laboratory Latest Developments
- 13.12 Jenoptik
 - 13.12.1 Jenoptik Company Information
 - 13.12.2 Jenoptik VPH Transmission Gratings Product Portfolios and Specifications
 - 13.12.3 Jenoptik VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.12.4 Jenoptik Main Business Overview
 - 13.12.5 Jenoptik Latest Developments

13.13 OptiGrate

13.13.1 OptiGrate Company Information

13.13.2 OptiGrate VPH Transmission Gratings Product Portfolios and Specifications

13.13.3 OptiGrate VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 OptiGrate Main Business Overview

13.13.5 OptiGrate Latest Developments

13.14 Ushio

13.14.1 Ushio Company Information

13.14.2 Ushio VPH Transmission Gratings Product Portfolios and Specifications

13.14.3 Ushio VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 Ushio Main Business Overview

13.14.5 Ushio Latest Developments

13.15 Edmund Optics

13.15.1 Edmund Optics Company Information

13.15.2 Edmund Optics VPH Transmission Gratings Product Portfolios and Specifications

13.15.3 Edmund Optics VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.15.4 Edmund Optics Main Business Overview

13.15.5 Edmund Optics Latest Developments

13.16 Zeiss

13.16.1 Zeiss Company Information

13.16.2 Zeiss VPH Transmission Gratings Product Portfolios and Specifications

13.16.3 Zeiss VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.16.4 Zeiss Main Business Overview

13.16.5 Zeiss Latest Developments

13.17 Knight Optical

13.17.1 Knight Optical Company Information

13.17.2 Knight Optical VPH Transmission Gratings Product Portfolios and Specifications

13.17.3 Knight Optical VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.17.4 Knight Optical Main Business Overview

13.17.5 Knight Optical Latest Developments

13.18 Holographix (Headwall Photonics)

13.18.1 Holographix (Headwall Photonics) Company Information

13.18.2 Holographix (Headwall Photonics) VPH Transmission Gratings Product Portfolios and Specifications

13.18.3 Holographix (Headwall Photonics) VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.18.4 Holographix (Headwall Photonics) Main Business Overview

13.18.5 Holographix (Headwall Photonics) Latest Developments

13.19 HOLO/OR

13.19.1 HOLO/OR Company Information

13.19.2 HOLO/OR VPH Transmission Gratings Product Portfolios and Specifications

13.19.3 HOLO/OR VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.19.4 HOLO/OR Main Business Overview

13.19.5 HOLO/OR Latest Developments

13.20 OPCO Laboratory

13.20.1 OPCO Laboratory Company Information

13.20.2 OPCO Laboratory VPH Transmission Gratings Product Portfolios and Specifications

13.20.3 OPCO Laboratory VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.20.4 OPCO Laboratory Main Business Overview

13.20.5 OPCO Laboratory Latest Developments

13.21 Gitterwerk

13.21.1 Gitterwerk Company Information

13.21.2 Gitterwerk VPH Transmission Gratings Product Portfolios and Specifications

13.21.3 Gitterwerk VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.21.4 Gitterwerk Main Business Overview

13.21.5 Gitterwerk Latest Developments

13.22 Shenyang Ebetter Optics

13.22.1 Shenyang Ebetter Optics Company Information

13.22.2 Shenyang Ebetter Optics VPH Transmission Gratings Product Portfolios and Specifications

13.22.3 Shenyang Ebetter Optics VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.22.4 Shenyang Ebetter Optics Main Business Overview

13.22.5 Shenyang Ebetter Optics Latest Developments

13.23 CTL Photonics

13.23.1 CTL Photonics Company Information

13.23.2 CTL Photonics VPH Transmission Gratings Product Portfolios and

Specifications

13.23.3 CTL Photonics VPH Transmission Gratings Sales, Revenue, Price and Gross Margin (2021-2026)

13.23.4 CTL Photonics Main Business Overview

13.23.5 CTL Photonics Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. VPH Transmission Gratings Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. VPH Transmission Gratings Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of UV

Table 4. Major Players of VIS

Table 5. Major Players of NIR

Table 6. Global VPH Transmission Gratings Sales by Type (2021-2026) & (K Units)

Table 7. Global VPH Transmission Gratings Sales Market Share by Type (2021-2026)

Table 8. Global VPH Transmission Gratings Revenue by Type (2021-2026) & (\$ million)

Table 9. Global VPH Transmission Gratings Revenue Market Share by Type (2021-2026)

Table 10. Global VPH Transmission Gratings Sale Price by Type (2021-2026) & (US\$/Unit)

Table 11. Major Players of 600nm and Below

Table 12. Major Players of 600nm Above

Table 13. Global VPH Transmission Gratings Sales by Bandwidth (2021-2026) & (K Units)

Table 14. Global VPH Transmission Gratings Sales Market Share by Bandwidth (2021-2026)

Table 15. Global VPH Transmission Gratings Revenue by Bandwidth (2021-2026) & (\$ million)

Table 16. Global VPH Transmission Gratings Revenue Market Share by Bandwidth (2021-2026)

Table 17. Global VPH Transmission Gratings Sale Price by Bandwidth (2021-2026) & (US\$/Unit)

Table 18. Global VPH Transmission Gratings Sale by Application (2021-2026) & (K Units)

Table 19. Global VPH Transmission Gratings Sale Market Share by Application (2021-2026)

Table 20. Global VPH Transmission Gratings Revenue by Application (2021-2026) & (\$ million)

Table 21. Global VPH Transmission Gratings Revenue Market Share by Application (2021-2026)

Table 22. Global VPH Transmission Gratings Sale Price by Application (2021-2026) &

(US\$/Unit)

Table 23. Global VPH Transmission Gratings Sales by Company (2021-2026) & (K Units)

Table 24. Global VPH Transmission Gratings Sales Market Share by Company (2021-2026)

Table 25. Global VPH Transmission Gratings Revenue by Company (2021-2026) & (\$ millions)

Table 26. Global VPH Transmission Gratings Revenue Market Share by Company (2021-2026)

Table 27. Global VPH Transmission Gratings Sale Price by Company (2021-2026) & (US\$/Unit)

Table 28. Key Manufacturers VPH Transmission Gratings Producing Area Distribution and Sales Area

Table 29. Players VPH Transmission Gratings Products Offered

Table 30. VPH Transmission Gratings Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 31. New Products and Potential Entrants

Table 32. Market M&A Activity & Strategy

Table 33. Global VPH Transmission Gratings Sales by Geographic Region (2021-2026) & (K Units)

Table 34. Global VPH Transmission Gratings Sales Market Share Geographic Region (2021-2026)

Table 35. Global VPH Transmission Gratings Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 36. Global VPH Transmission Gratings Revenue Market Share by Geographic Region (2021-2026)

Table 37. Global VPH Transmission Gratings Sales by Country/Region (2021-2026) & (K Units)

Table 38. Global VPH Transmission Gratings Sales Market Share by Country/Region (2021-2026)

Table 39. Global VPH Transmission Gratings Revenue by Country/Region (2021-2026) & (\$ millions)

Table 40. Global VPH Transmission Gratings Revenue Market Share by Country/Region (2021-2026)

Table 41. Americas VPH Transmission Gratings Sales by Country (2021-2026) & (K Units)

Table 42. Americas VPH Transmission Gratings Sales Market Share by Country (2021-2026)

Table 43. Americas VPH Transmission Gratings Revenue by Country (2021-2026) & (\$

millions)

Table 44. Americas VPH Transmission Gratings Sales by Type (2021-2026) & (K Units)

Table 45. Americas VPH Transmission Gratings Sales by Application (2021-2026) & (K Units)

Table 46. APAC VPH Transmission Gratings Sales by Region (2021-2026) & (K Units)

Table 47. APAC VPH Transmission Gratings Sales Market Share by Region (2021-2026)

Table 48. APAC VPH Transmission Gratings Revenue by Region (2021-2026) & (\$ millions)

Table 49. APAC VPH Transmission Gratings Sales by Type (2021-2026) & (K Units)

Table 50. APAC VPH Transmission Gratings Sales by Application (2021-2026) & (K Units)

Table 51. Europe VPH Transmission Gratings Sales by Country (2021-2026) & (K Units)

Table 52. Europe VPH Transmission Gratings Revenue by Country (2021-2026) & (\$ millions)

Table 53. Europe VPH Transmission Gratings Sales by Type (2021-2026) & (K Units)

Table 54. Europe VPH Transmission Gratings Sales by Application (2021-2026) & (K Units)

Table 55. Middle East & Africa VPH Transmission Gratings Sales by Country (2021-2026) & (K Units)

Table 56. Middle East & Africa VPH Transmission Gratings Revenue Market Share by Country (2021-2026)

Table 57. Middle East & Africa VPH Transmission Gratings Sales by Type (2021-2026) & (K Units)

Table 58. Middle East & Africa VPH Transmission Gratings Sales by Application (2021-2026) & (K Units)

Table 59. Key Market Drivers & Growth Opportunities of VPH Transmission Gratings

Table 60. Key Market Challenges & Risks of VPH Transmission Gratings

Table 61. Key Industry Trends of VPH Transmission Gratings

Table 62. VPH Transmission Gratings Raw Material

Table 63. Key Suppliers of Raw Materials

Table 64. VPH Transmission Gratings Distributors List

Table 65. VPH Transmission Gratings Customer List

Table 66. Global VPH Transmission Gratings Sales Forecast by Region (2027-2032) & (K Units)

Table 67. Global VPH Transmission Gratings Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 68. Americas VPH Transmission Gratings Sales Forecast by Country

(2027-2032) & (K Units)

Table 69. Americas VPH Transmission Gratings Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 70. APAC VPH Transmission Gratings Sales Forecast by Region (2027-2032) & (K Units)

Table 71. APAC VPH Transmission Gratings Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 72. Europe VPH Transmission Gratings Sales Forecast by Country (2027-2032) & (K Units)

Table 73. Europe VPH Transmission Gratings Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 74. Middle East & Africa VPH Transmission Gratings Sales Forecast by Country (2027-2032) & (K Units)

Table 75. Middle East & Africa VPH Transmission Gratings Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 76. Global VPH Transmission Gratings Sales Forecast by Type (2027-2032) & (K Units)

Table 77. Global VPH Transmission Gratings Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 78. Global VPH Transmission Gratings Sales Forecast by Application (2027-2032) & (K Units)

Table 79. Global VPH Transmission Gratings Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 80. AGC Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 81. AGC VPH Transmission Gratings Product Portfolios and Specifications

Table 82. AGC VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 83. AGC Main Business

Table 84. AGC Latest Developments

Table 85. Newport (MKS Instruments) Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 86. Newport (MKS Instruments) VPH Transmission Gratings Product Portfolios and Specifications

Table 87. Newport (MKS Instruments) VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 88. Newport (MKS Instruments) Main Business

Table 89. Newport (MKS Instruments) Latest Developments

Table 90. Lightsmyth (Coherent) Basic Information, VPH Transmission Gratings

Manufacturing Base, Sales Area and Its Competitors

Table 91. Lightsmyth (Coherent) VPH Transmission Gratings Product Portfolios and Specifications

Table 92. Lightsmyth (Coherent) VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 93. Lightsmyth (Coherent) Main Business

Table 94. Lightsmyth (Coherent) Latest Developments

Table 95. Thorlabs Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 96. Thorlabs VPH Transmission Gratings Product Portfolios and Specifications

Table 97. Thorlabs VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 98. Thorlabs Main Business

Table 99. Thorlabs Latest Developments

Table 100. Ibsen Photonics Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 101. Ibsen Photonics VPH Transmission Gratings Product Portfolios and Specifications

Table 102. Ibsen Photonics VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 103. Ibsen Photonics Main Business

Table 104. Ibsen Photonics Latest Developments

Table 105. Horiba Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 106. Horiba VPH Transmission Gratings Product Portfolios and Specifications

Table 107. Horiba VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 108. Horiba Main Business

Table 109. Horiba Latest Developments

Table 110. Shimadzu Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 111. Shimadzu VPH Transmission Gratings Product Portfolios and Specifications

Table 112. Shimadzu VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 113. Shimadzu Main Business

Table 114. Shimadzu Latest Developments

Table 115. Wasatch Photonics Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 116. Wasatch Photonics VPH Transmission Gratings Product Portfolios and

Specifications

Table 117. Wasatch Photonics VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 118. Wasatch Photonics Main Business

Table 119. Wasatch Photonics Latest Developments

Table 120. CASTECH Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 121. CASTECH VPH Transmission Gratings Product Portfolios and Specifications

Table 122. CASTECH VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 123. CASTECH Main Business

Table 124. CASTECH Latest Developments

Table 125. Omega Optical Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 126. Omega Optical VPH Transmission Gratings Product Portfolios and Specifications

Table 127. Omega Optical VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 128. Omega Optical Main Business

Table 129. Omega Optical Latest Developments

Table 130. Plymouth Grating Laboratory Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 131. Plymouth Grating Laboratory VPH Transmission Gratings Product Portfolios and Specifications

Table 132. Plymouth Grating Laboratory VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 133. Plymouth Grating Laboratory Main Business

Table 134. Plymouth Grating Laboratory Latest Developments

Table 135. Jenoptik Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 136. Jenoptik VPH Transmission Gratings Product Portfolios and Specifications

Table 137. Jenoptik VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 138. Jenoptik Main Business

Table 139. Jenoptik Latest Developments

Table 140. OptiGrate Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 141. OptiGrate VPH Transmission Gratings Product Portfolios and Specifications

Table 142. OptiGrate VPH Transmission Gratings Sales (K Units), Revenue (\$ Million),

Price (US\$/Unit) and Gross Margin (2021-2026)

Table 143. OptiGrate Main Business

Table 144. OptiGrate Latest Developments

Table 145. Ushio Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 146. Ushio VPH Transmission Gratings Product Portfolios and Specifications

Table 147. Ushio VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 148. Ushio Main Business

Table 149. Ushio Latest Developments

Table 150. Edmund Optics Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 151. Edmund Optics VPH Transmission Gratings Product Portfolios and Specifications

Table 152. Edmund Optics VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 153. Edmund Optics Main Business

Table 154. Edmund Optics Latest Developments

Table 155. Zeiss Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 156. Zeiss VPH Transmission Gratings Product Portfolios and Specifications

Table 157. Zeiss VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 158. Zeiss Main Business

Table 159. Zeiss Latest Developments

Table 160. Knight Optical Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 161. Knight Optical VPH Transmission Gratings Product Portfolios and Specifications

Table 162. Knight Optical VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 163. Knight Optical Main Business

Table 164. Knight Optical Latest Developments

Table 165. Holographix (Headwall Photonics) Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 166. Holographix (Headwall Photonics) VPH Transmission Gratings Product Portfolios and Specifications

Table 167. Holographix (Headwall Photonics) VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 168. Holographix (Headwall Photonics) Main Business

Table 169. Holographix (Headwall Photonics) Latest Developments

Table 170. HOLO/OR Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 171. HOLO/OR VPH Transmission Gratings Product Portfolios and Specifications

Table 172. HOLO/OR VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 173. HOLO/OR Main Business

Table 174. HOLO/OR Latest Developments

Table 175. OPCO Laboratory Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 176. OPCO Laboratory VPH Transmission Gratings Product Portfolios and Specifications

Table 177. OPCO Laboratory VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 178. OPCO Laboratory Main Business

Table 179. OPCO Laboratory Latest Developments

Table 180. Gitterwerk Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 181. Gitterwerk VPH Transmission Gratings Product Portfolios and Specifications

Table 182. Gitterwerk VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 183. Gitterwerk Main Business

Table 184. Gitterwerk Latest Developments

Table 185. Shenyang Ebetter Optics Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 186. Shenyang Ebetter Optics VPH Transmission Gratings Product Portfolios and Specifications

Table 187. Shenyang Ebetter Optics VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 188. Shenyang Ebetter Optics Main Business

Table 189. Shenyang Ebetter Optics Latest Developments

Table 190. CTL Photonics Basic Information, VPH Transmission Gratings Manufacturing Base, Sales Area and Its Competitors

Table 191. CTL Photonics VPH Transmission Gratings Product Portfolios and Specifications

Table 192. CTL Photonics VPH Transmission Gratings Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 193. CTL Photonics Main Business

Table 194. CTL Photonics Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of VPH Transmission Gratings

Figure 2. VPH Transmission Gratings Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global VPH Transmission Gratings Sales Growth Rate 2021-2032 (K Units)

Figure 7. Global VPH Transmission Gratings Revenue Growth Rate 2021-2032 (\$ millions)

Figure 8. VPH Transmission Gratings Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Figure 9. VPH Transmission Gratings Sales Market Share by Country/Region (2025)

Figure 10. VPH Transmission Gratings Sales Market Share by Country/Region (2021, 2025 & 2032)

Figure 11. Product Picture of UV

Figure 12. Product Picture of VIS

Figure 13. Product Picture of NIR

Figure 14. Global VPH Transmission Gratings Sales Market Share by Type in 2026

Figure 15. Global VPH Transmission Gratings Revenue Market Share by Type (2021-2026)

Figure 16. Product Picture of 600nm and Below

Figure 17. Product Picture of 600nm Above

Figure 18. Global VPH Transmission Gratings Sales Market Share by Bandwidth in 2026

Figure 19. Global VPH Transmission Gratings Revenue Market Share by Bandwidth (2021-2026)

Figure 20. VPH Transmission Gratings Consumed in Optical Communication

Figure 21. Global VPH Transmission Gratings Market: Optical Communication (2021-2026) & (K Units)

Figure 22. VPH Transmission Gratings Consumed in OCT

Figure 23. Global VPH Transmission Gratings Market: OCT (2021-2026) & (K Units)

Figure 24. VPH Transmission Gratings Consumed in Pulse Laser System

Figure 25. Global VPH Transmission Gratings Market: Pulse Laser System (2021-2026) & (K Units)

Figure 26. VPH Transmission Gratings Consumed in Others

Figure 27. Global VPH Transmission Gratings Market: Others (2021-2026) & (K Units)

- Figure 28. Global VPH Transmission Gratings Sale Market Share by Application (2025)
- Figure 29. Global VPH Transmission Gratings Revenue Market Share by Application in 2026
- Figure 30. VPH Transmission Gratings Sales by Company in 2026 (K Units)
- Figure 31. Global VPH Transmission Gratings Sales Market Share by Company in 2026
- Figure 32. VPH Transmission Gratings Revenue by Company in 2026 (\$ millions)
- Figure 33. Global VPH Transmission Gratings Revenue Market Share by Company in 2026
- Figure 34. Global VPH Transmission Gratings Sales Market Share by Geographic Region (2021-2026)
- Figure 35. Global VPH Transmission Gratings Revenue Market Share by Geographic Region in 2026
- Figure 36. Americas VPH Transmission Gratings Sales 2021-2026 (K Units)
- Figure 37. Americas VPH Transmission Gratings Revenue 2021-2026 (\$ millions)
- Figure 38. APAC VPH Transmission Gratings Sales 2021-2026 (K Units)
- Figure 39. APAC VPH Transmission Gratings Revenue 2021-2026 (\$ millions)
- Figure 40. Europe VPH Transmission Gratings Sales 2021-2026 (K Units)
- Figure 41. Europe VPH Transmission Gratings Revenue 2021-2026 (\$ millions)
- Figure 42. Middle East & Africa VPH Transmission Gratings Sales 2021-2026 (K Units)
- Figure 43. Middle East & Africa VPH Transmission Gratings Revenue 2021-2026 (\$ millions)
- Figure 44. Americas VPH Transmission Gratings Sales Market Share by Country in 2026
- Figure 45. Americas VPH Transmission Gratings Revenue Market Share by Country (2021-2026)
- Figure 46. Americas VPH Transmission Gratings Sales Market Share by Type (2021-2026)
- Figure 47. Americas VPH Transmission Gratings Sales Market Share by Application (2021-2026)
- Figure 48. United States VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)
- Figure 49. Canada VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)
- Figure 50. Mexico VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)
- Figure 51. Brazil VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)
- Figure 52. APAC VPH Transmission Gratings Sales Market Share by Region in 2026
- Figure 53. APAC VPH Transmission Gratings Revenue Market Share by Region (2021-2026)
- Figure 54. APAC VPH Transmission Gratings Sales Market Share by Type (2021-2026)
- Figure 55. APAC VPH Transmission Gratings Sales Market Share by Application

(2021-2026)

Figure 56. China VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 57. Japan VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 58. South Korea VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 59. Southeast Asia VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 60. India VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 61. Australia VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 62. China Taiwan VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 63. Europe VPH Transmission Gratings Sales Market Share by Country in 2026

Figure 64. Europe VPH Transmission Gratings Revenue Market Share by Country (2021-2026)

Figure 65. Europe VPH Transmission Gratings Sales Market Share by Type (2021-2026)

Figure 66. Europe VPH Transmission Gratings Sales Market Share by Application (2021-2026)

Figure 67. Germany VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 68. France VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 69. UK VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 70. Italy VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 71. Russia VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 72. Middle East & Africa VPH Transmission Gratings Sales Market Share by Country (2021-2026)

Figure 73. Middle East & Africa VPH Transmission Gratings Sales Market Share by Type (2021-2026)

Figure 74. Middle East & Africa VPH Transmission Gratings Sales Market Share by Application (2021-2026)

Figure 75. Egypt VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 76. South Africa VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 77. Israel VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 78. Turkey VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 79. GCC Countries VPH Transmission Gratings Revenue Growth 2021-2026 (\$ millions)

Figure 80. Manufacturing Cost Structure Analysis of VPH Transmission Gratings in

2026

Figure 81. Manufacturing Process Analysis of VPH Transmission Gratings

Figure 82. Industry Chain Structure of VPH Transmission Gratings

Figure 83. Channels of Distribution

Figure 84. Global VPH Transmission Gratings Sales Market Forecast by Region
(2027-2032)

Figure 85. Global VPH Transmission Gratings Revenue Market Share Forecast by
Region (2027-2032)

Figure 86. Global VPH Transmission Gratings Sales Market Share Forecast by Type
(2027-2032)

Figure 87. Global VPH Transmission Gratings Revenue Market Share Forecast by Type
(2027-2032)

Figure 88. Global VPH Transmission Gratings Sales Market Share Forecast by
Application (2027-2032)

Figure 89. Global VPH Transmission Gratings Revenue Market Share Forecast by
Application (2027-2032)

I would like to order

Product name: Global VPH Transmission Gratings Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/GF8F636C2D9CEN.html>

Price: US\$ 3,660.00 (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/GF8F636C2D9CEN.html>