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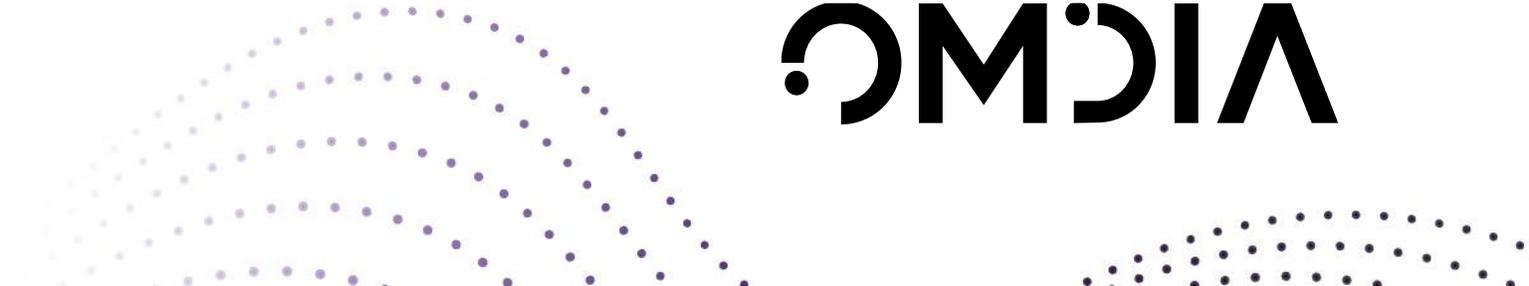
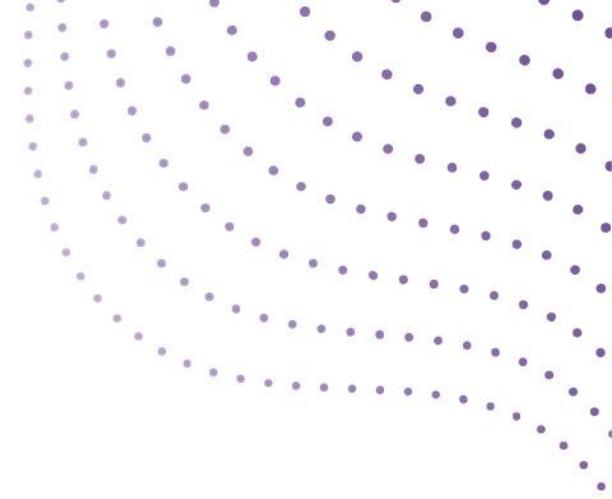
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Optical Components Intelligence Service

Part of the Service Provider Networks Service Area Package

Global, Global, in-depth coverage of the Optical Components market. Industry leading package of thought leadership and data covering optical components market share and forecast products.

**PRODUCT OVERVIEW | Optical
Components Intelligence Service**



VICIA

“ The optical components (OC) market has bifurcated between meeting the requirements of the Communications Service Providers (CSPs) and the Internet Content Providers (ICPs.) The ICPs desire quicker innovation cycles and have the spending power to significantly influence the technology agenda. Component suppliers are under intensifying pressure to compete and with limited R&D budgets, are forced to make critical decisions on which technologies and products to develop.

Lisa Huff
Senior Principal Analyst

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“400G is the fastest growing segment of the overall OC market. For Datacom applications, ICPs are driving it. For Telecom, coherent 400G and beyond components are being pushed by both ICPs and CSPs.”

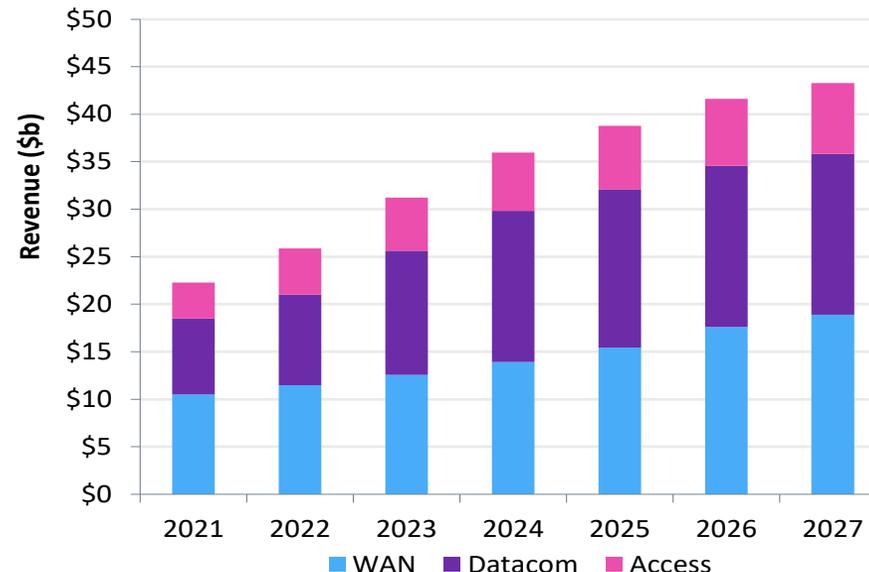
HOW OMDIA HELPS YOU

- Quantify technologies and platforms volumes, pricing and revenue.
- Size component market segments and identify high growth opportunities.
- Identify disruptive technologies and threats.
- Assess key differentiating and winning component technologies and vendor strategies

KEY QUESTIONS ADDRESSED

- What are the size, share, and forecasts for the key segments for the optical components market?
- What is the impact of key industry events and announcements?
- How can companies identify and target high growth markets and opportunities?
- Which new technologies and market players present disruptive threats?

Total OC by market segment



Source: Omdia

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Optical Components: Our Expert Analysts



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Fixed & Optical Markets

Optical Components: Deliverables



MARKET DATA

Optical Components Global Market Share and Forecast; Datacom Transceiver and AOC Forecast; High Speed Coherent Optics Forecast; Silicon Photonics Forecast



SURVEYS

Optical Components Survey



REPORTS

Trends to Watch and thematic reports



PRESENTATIONS

Analyst briefings



ANALYST INSIGHTS

Analyst commentary on market shifts, technology and regional developments, vendors, events, and more.



ANALYST ACCESS

Prompt responses from Omdia's analyst team to urgent and unique questions.

Optical Components: Market Data

Optical Components Global Market Share

Global market share and analysis for optical components and accompanying commentary

DETAILS

Frequency: Quarterly

Coverage

Market Share Segment:

- Telecom
- Datacom
- Access

Market Share Super Segments:

- Transport
- Transceivers
- Transmission

Regions

- Worldwide
- North America
- EMEA
- Asia-Oceania
- Latin America and the Caribbean

Measure

- Market share
- Revenues

Optical Components Forecasts

A forecast series covering all aspects of optical components used inside the data center, access and telecom applications. Companion reports and analysis round out the coverage

DETAILS

Frequency: Annual

Coverage

The Total OC:

- Telecom
- Datacom
- Access: FTTX and PON
- Modules and discrettes

Datacom Transceiver and AOC Forecast:

- Datacom
- High-Speed OC Forecast:
 - High speed coherent optics

ICP Data Center Network Optical Components Forecast:

- Optical transceivers, AOCs, and DACs

Silicon Photonics Forecast:

- SiPh optical transceivers

Regions

- Global

Measure

- Units
- Revenues
- ASP

Networked Edge: Reports, Surveys and Analysis

Trends to Watch & Thematic Research Reports

An annual snapshot of the major trends in the optical components segment. Identification and analysis of key trends that will impact and reshape the market in the years to come

DETAILS

Frequency: Annual

Our yearly roundup of all events and developments that are expected to impact the optical component market in the years to come. Typically includes an analysis of emerging technologies and optical centric capabilities. Also typically include and readout on major geo-political events, that will impact the sector. The analysis typically includes an overview and analysis of key business model progression, application adoption, and the growth of the market.

Optical Components 2020-2021 Research Themes

Frequency: Quarterly and event driven

Topical reports delving deeper into major research themes typically triggered off of a major industry event.

Optical Components: Research Themes for 2023

ICPs recasting the industry structure and driving integration

ICPs are a heterogeneous group delivering social, search, cloud, and e-commerce capabilities. The ICPs applications, business, and territory growth drive an entire optical ecosystem worth billions of dollars. In addition, the ICPs are quick to adopt the next generation of technology.

Maturation and scaling of silicon photonics and potential of co-packaged optics

The promise of silicon photonics is to transform the boutique manufacturing of optics into a massively scalable silicon-chip-style production reaping silicon-chip-like economics with speed of manufacture and test. As data rates continue to increase, optics that are co-packaged with switch and/or compute chips will be needed.

High speed coherent optics: The Coherent DSP arms race continues

To cost effectively meet exponentially increasing bandwidth demand in ON, ICPs and CSPs are moving from 100G, one size fits all, to 100G-800G multi-rate and application specific coherent modems. Implementations include space-power optimized solutions typically for DCI and performance optimized solutions for metro and core networks.

Related Content: Service Provider Networks Service Area Coverage



Service Area Package: Service Provider Networks

Broadband Access Intelligence Service	Optical Components Intelligence Service
Mobile Infrastructure Intelligence Service	Optical Networks Intelligence Service
Telco Cloud & Network Automation Intelligence Service	Networked Edge. 5G Transport Intelligence Service
Service Provider Operations & IT Intelligence Service	Service Provider Routing & Switching Intelligence Service
Service Provider Network Evolution Intelligence Service	
Service Provider Networks Viewpoint Service	
Enterprise SP Routing & Switching Spotlight Service	Telecoms IT Contracts Spotlight Service
Telecoms Vendor Market Share Spotlight Service	Telecoms Vendor Contracts Spotlight Service

About Omdia’s Service Provider Networks Coverage

Omdia’s Service Provider Networks research services provide expert analysis and data across the complete landscape of telecoms networks, including infrastructure, software and operations. The Networks team supports the broadest coverage in the industry, from mobile access, fixed access and mobile core, to transport, microwave, routing/switching, optical networks and components. Offering specialist coverage on service providers’ own transformation, including telecoms operations and IT, carrier network software, and service provider AI, Omdia’s Networks research provides the unique ability to both deep dive into specific technologies as well as gain higher-level strategic analysis and insight.

Omdia’s Network research complements our Service Provider Consumer and Enterprise research services, enabling us to advise key vendors on their customers’ customers, and guide service providers themselves on the evolving technology supplier and partner landscape. Omdia helps both vendors and service providers assess which applications and products will drive future growth, forecast the adoption and impact of new technologies, benchmark key competitors, target customers, and select suppliers, providing a holistic view of service provider investments across the industry.

Through our coverage of mobile and broadband access and core networks, transport networks, optical networks and components, and service provider transformation, our global team of expert analysts offers unparalleled data and insight as the transformation of service provider networks gathers pace.



Our “Ask an Analyst” Service Provides Best in Class Customer Support

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Thank you

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