



LIGHTCOUNTING

ACCESS OPTICS MARKET FORECAST – NOVEMBER 2023



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Abstract

LightCounting's *Access Optics* report describes the market outlook for both Fiber-to-the-X (FTTx) optics and wireless fronthaul, midhaul, and backhaul network optics.

Mobile fronthaul is an essential element of today's 5G and 4G networks, and fixed wireless access is becoming a valid competitor to 'Fiber-to-the-X' solutions for the provisioning of residential broadband services. Advanced broadband networks are considered essential infrastructure to support future economic growth, and many governments are providing grants to subsidize deployment of the latest technologies. In 2024, these two types of access networks combined will consume an estimated 132 million optical devices, worth more than \$1.5 billion in revenue to components makers.

This report covers current and future network access architectures, service provider deployment strategies and trends, component requirements, and the products needed. A detailed Excel spreadsheet accompanies the report, providing a five-year forecast of wireless and FTTx optics shipments, prices, and revenues, broken down by speeds, reaches, and colors.

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LightCounting is a market research company focused on the in-depth study of high speed interconnects for the datacom, telecom, and consumer communications markets. Our research covers the whole supply chain from optical and semiconductor components, to modules, sub-systems and their applications in telecom and datacom systems.

Our industry reputation was built by providing solid market data and objective analysis to help industry executives in making tactical and strategic business decisions and see past all the market hype, rumors, press reports, blogs and other distortions that so often complicate and confuse many decision making processes.

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