



OPTICAL COMMUNICATIONS MARKET FORECAST

APRIL 2024

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Table of Contents

ABSTRACT	4
EXECUTIVE SUMMARY	5
UNEVEN RECOVERY	5
CHANGES IN THE FORECAST	8
WILD CARDS AROUND – EXPECT THE UNEXPECTED.....	9
CHAPTER 1: CARRIER REVENUE AND CAPEX OVERVIEW	11
THE 15 CSPS’ REVENUES GREW LESS THAN 1 PERCENT IN 2023	11
CAPEX WAS \$168 BILLION IN 2023, DOWN 6%; LOWEST IN OVER A DECADE	13
NETWORK TRANSFORMATION.....	15
CHAPTER 2: INTERNET INFRASTRUCTURE DRIVERS.....	19
INTERNET INFRASTRUCTURE SPENDING.....	19
<i>Quarterly spending growth history suggests a rebound is due.....</i>	<i>20</i>
<i>Spending remains concentrated in the Top Five ICPs (88% of total in 2023)</i>	<i>20</i>
CLOUD SERVICES REVENUE INCREASING SHARE OF TOTAL	21
INTERNET COMPANIES CASH STORES ARE RECOVERING.....	22
REGULATORY PRESSURE ON ICPs CONTINUES TO INCREASE	23
CLOUD COMPANIES AI PUSH COMES WITH LEGAL ENTANGLEMENTS.....	26
CHAPTER 3: FORECAST FOR OPTICAL COMPONENTS USED IN TELECOM APPLICATIONS	28
SUMMARY	28
COHERENT DWDM TRANSCEIVERS.....	29
WAVELENGTH SELECTIVE SWITCH (WSS) MODULES	33
FTTx OPTICAL COMPONENTS.....	35
<i>PON technology evolution continues</i>	<i>36</i>
<i>All eyes are on the United States access market in 2025.....</i>	<i>39</i>
OPTICAL TRANSCEIVERS FOR WIRELESS FRONTHAUL AND BACKHAUL.....	40
BACKHAUL TO GROW WITH 6G AS WELL.....	46
CHAPTER 4: OPTICAL TRANSCEIVERS AND INTERCONNECTS FOR DATACOM APPLICATIONS	48
SUMMARY	48
FIBRE CHANNEL TRANSCEIVERS	52
ACTIVE OPTICAL CABLES	53

CHAPTER 5: FORECAST METHODOLOGY	56
INTERNET AND DATA TRAFFIC GROWTH IN MEGA-DATACENTERS	56
FORECAST ASSUMPTIONS – ETHERNET	57
FORECAST ASSUMPTIONS – DWDM AND OTHERS	58
FORECAST ACCURACY.....	59
<i>Ethernet forecast accuracy</i>	59

Abstract

This report provides a detailed market demand forecast through 2029 for optical transceivers and a few related products used in Ethernet, Fibre Channel, CWDM/DWDM, wireless infrastructure, FTTx, Cloud datacenter and AI Cluster applications.

Key inputs include an analysis of the business and infrastructure spending of the top 15 service providers and of the leading Internet companies, and sales data from 2018 through 2023 for more than 30 transceiver vendors, including more than 20 vendors that shared their confidential sales information with LightCounting. The forecast is based on LightCounting's proprietary forecast model, which correlates transceiver sales with network traffic growth, the projected deployments of 5G and FTTx systems for broadband access and increased investments in AI infrastructure.

LightCounting is also grateful to many industry experts for their critical review of the forecast projections.