

LAMEA Passive Optical Component Market (2016 - 2022)

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Abstracts

Optical components such as optical cables, optical power splitters, optical couplers, optical encoders, and optical connectors are the major components of optical network system. Passive optical components are used majorly in fiber-to-the-home (FTTH) networks for leveraging the optical signals, multi/de-multiplexing, and in optical surveillance systems to generate video signals. Passive optical components do not have the need to convert electrical-to-optical or optical-to-electrical conversions during operations. These components include simple optical connectors and fixed optical attenuators, and additionally, more complicated, electronically controlled, optical devices such as switches and variable optical attenuators.

The major reasons that would drive the market adoption are significant growth in the IP traffic, increased FTTH requirements, demand for scalability in mobile network, advancement in Gigabit Passive Optical Networks (GPON) SoC technologies, better return on investment, and low cost of ownership. Some of the opportunities that would drive the market are growing demand for higher and broadband bandwidth and shift towards high capacity optical networks.

Based on the type, the Passive Optical Component market is segmented into Wavelength division multiplexers/de-multiplexers, Patch cords & Pigtails, Optical Amplifiers, Optical Connectors, Optical Couplers, Optical Encoders, Optical Transceivers, Optical Cables, Optical Power Splitters, Fixed & Variable Optical Attenuators, Optical Filters, Optical Circulators, and Other Passive Optical. The Applications highlighted in this report include Synchronous Digital Hierarchy (SDH) Systems, Synchronous Optical Network (SONET), Interoffice, Fiber in the Loop (FITL), Loop Feeder, and Hybrid Fiber-Coaxial Cable (HFC).

Based on country, Passive Optical Component market is segmented into Latin America, and Middle East & Africa (Brazil, Argentina, UAE, Saudi Arabia, South Africa and Nigeria). Brazil remained the dominant country in the LAMEA Passive Optical Component market in 2015. South Africa and UAE would witness promising CAGR during the forecast period (2016-2022).

The report covers the analysis of key stake holders of the Passive Optical Component market. Key companies profiled in the report include Motorola Solutions Inc., Tellabs Inc., Adtran Inc., Calix, Inc., Nokia Corporation, ZTE Corp, Huawei Technologies Comp. Ltd., and NXP Semiconductors N.V.

Contents

CHAPTER 1. MARKET SCOPE & METHODOLOGY

- 1.1 Market Definition
- 1.2 Objectives
- 1.3 Market Scope
- 1.4 Segmentation
 - 1.4.1 LAMEA Passive Optical Component Market, by Type
 - 1.4.2 LAMEA Passive Optical Component Market, by Application
 - 1.4.3 LAMEA Passive Optical Component Market, by Country
- 1.5 Methodology for the research

CHAPTER 2. EXECUTIVE SUMMARY

CHAPTER 3. MARKET OVERVIEW

- 3.1 Introduction
- 3.2 Drivers, Restraints and Opportunities
 - 3.2.1 Market Drivers
 - 3.2.2 Market Restraints

CHAPTER 4. LAMEA PASSIVE OPTICAL COMPONENT MARKET

- 4.1 LAMEA Passive Optical Component Market by Type
 - 4.1.1 LAMEA Wavelength division multiplexers/de-multiplexers Market by Country
 - 4.1.2 LAMEA Patch cords & Pigtails Market by Country
 - 4.1.3 LAMEA Optical Amplifiers Market by Country
 - 4.1.4 LAMEA Optical Connectors Market by Country
 - 4.1.5 LAMEA Optical Couplers Market by Country
 - 4.1.6 LAMEA Optical Encoders Market by Country
 - 4.1.7 LAMEA Optical Transceivers Market by Country
 - 4.1.8 LAMEA Optical Cables Market by Country
 - 4.1.9 LAMEA Optical Power Splitters Market by Country
 - 4.1.10 LAMEA Fixed & Variable Optical Attenuators Market by Country
 - 4.1.11 LAMEA Optical Filters Market by Country
 - 4.1.12 LAMEA Optical Circulators Market by Country
 - 4.1.13 LAMEA Other Passive Optical Component Market by Country

CHAPTER 5. LAMEA PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION

5.1 Introduction

5.1.1 LAMEA Passive Optical Component in Synchronous Digital Hierarchy (SDH) Systems Market by Country

5.1.2 LAMEA Passive Optical Component in Synchronous Optical Network (SONET) Market by Country

5.1.3 LAMEA Passive Optical Component in Interoffice Market by Country

5.1.4 LAMEA Passive Optical Component in Fiber in the Loop (FITL) Market by Country

5.1.5 LAMEA Passive Optical Component in Loop Feeder Market by Country

5.1.6 LAMEA Passive Optical Component in Other Application Market by Country

CHAPTER 6. LAMEA PASSIVE OPTICAL COMPONENT MARKET BY COUNTRY

6.1 Introduction

6.2 Brazil Passive Optical Component Market

6.2.1 Brazil Passive Optical Component Market by Type

6.2.2 Brazil Passive Optical Component Market by Application

6.3 Argentina Passive Optical Component Market

6.3.1 Argentina Passive Optical Component Market by Type

6.3.2 Argentina Passive Optical Component Market by Application

6.4 UAE Passive Optical Component Market

6.4.1 UAE Passive Optical Component Market by Type

6.4.2 UAE Passive Optical Component Market by Application

6.5 Saudi Arabia Passive Optical Component Market

6.5.1 Saudi Arabia Passive Optical Component Market by Type

6.5.2 Saudi Arabia Passive Optical Component Market by Application

6.6 South Africa Passive Optical Component Market

6.6.1 South Africa Passive Optical Component Market by Type

6.6.2 South Africa Passive Optical Component Market by Application

6.7 Nigeria Passive Optical Component Market

6.7.1 Nigeria Passive Optical Component Market by Type

6.7.2 Nigeria Passive Optical Component Market by Application

6.8 Rest of LAMEA Passive Optical Component Market

6.8.1 Rest of LAMEA Passive Optical Component Market by Type

6.8.2 Rest of LAMEA Passive Optical Component Market by Application

CHAPTER 7. COMPANY PROFILES

7.1 ZTE Corporation

- 7.1.1 Company Overview
- 7.1.2 Financial Analysis
- 7.1.3 Business Segment Analysis
- 7.1.4 Research and Development Cost

7.2 Motorola Solutions Inc.

- 7.2.1 Company Overview
- 7.2.2 Financial Analysis
- 7.2.3 Segmental and Regional Analysis
- 7.2.4 Research & Development Expense

7.3 Huawei Technologies Co., Ltd

- 7.3.1 Company overview
- 7.3.2 Financial Analysis
- 7.3.3 Business Segment & Regional Analysis
- 7.3.4 Research and Development Cost

7.4 NXP Semiconductors N.V.

- 7.4.1 Company Overview
- 7.4.2 Financial Analysis
- 7.4.3 Segmental Analysis

7.5 Tellabs Inc.

- 7.5.1 Company Overview

7.6 Adtran Inc.

- 7.6.1 Company Overview
- 7.6.2 Financial Analysis
- 7.6.3 Segmental and Regional Analysis
- 7.6.4 Research & Development Expense

7.7 Calix, Inc.

- 7.7.1 Company Overview
- 7.7.2 Financial Analysis
- 7.7.3 Regional Analysis
- 7.7.4 Research & Development Expense

7.8 Nokia Corporation

- 7.8.1 Company Overview
- 7.8.2 Financial Analysis
- 7.8.3 Segmental and Regional Analysis
- 7.8.4 Research & Development Expense

List Of Tables

LIST OF TABLES

TABLE 1 LAMEA PASSIVE OPTICAL COMPONENT MARKET, 2012 - 2015, USD MILLION

TABLE 2 LAMEA PASSIVE OPTICAL COMPONENT MARKET, 2016 - 2022, USD MILLION

TABLE 3 LAMEA PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2012 - 2015, USD MILLION

TABLE 4 LAMEA PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2016 - 2022, USD MILLION

TABLE 5 LAMEA WAVELENGTH DIVISION MULTIPLEXERS/DE-MULTIPLEXERS MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 6 LAMEA WAVELENGTH DIVISION MULTIPLEXERS/DE-MULTIPLEXERS MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 7 LAMEA PATCH CORDS & PIGTAILS MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 8 LAMEA PATCH CORDS & PIGTAILS MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 9 LAMEA OPTICAL AMPLIFIERS MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 10 LAMEA OPTICAL AMPLIFIERS MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 11 LAMEA OPTICAL CONNECTORS MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 12 LAMEA OPTICAL CONNECTORS MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 13 LAMEA OPTICAL COUPLERS MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 14 LAMEA OPTICAL COUPLERS MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 15 LAMEA OPTICAL ENCODERS MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 16 LAMEA OPTICAL ENCODERS MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 17 LAMEA OPTICAL TRANSCEIVERS MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 18 LAMEA OPTICAL TRANSCEIVERS MARKET BY COUNTRY, 2016 - 2022,

USD MILLION

TABLE 19 LAMEA OPTICAL CABLES MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 20 LAMEA OPTICAL CABLES MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 21 LAMEA OPTICAL POWER SPLITTERS MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 22 LAMEA OPTICAL POWER SPLITTERS MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 23 LAMEA FIXED & VARIABLE OPTICAL ATTENUATORS MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 24 LAMEA FIXED & VARIABLE OPTICAL ATTENUATORS MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 25 LAMEA OPTICAL FILTERS MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 26 LAMEA OPTICAL FILTERS MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 27 LAMEA OPTICAL CIRCULATORS MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 28 LAMEA OPTICAL CIRCULATORS MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 29 LAMEA OTHER PASSIVE OPTICAL COMPONENT MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 30 LAMEA OTHER PASSIVE OPTICAL COMPONENT MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 31 LAMEA PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION, 2012 - 2015, USD MILLION

TABLE 32 LAMEA PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION, 2016 - 2022, USD MILLION

TABLE 33 LAMEA PASSIVE OPTICAL COMPONENT IN SYNCHRONOUS DIGITAL HIERARCHY (SDH) SYSTEMS MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 34 LAMEA PASSIVE OPTICAL COMPONENT IN SYNCHRONOUS DIGITAL HIERARCHY (SDH) SYSTEMS MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 35 LAMEA PASSIVE OPTICAL COMPONENT IN SYNCHRONOUS OPTICAL NETWORK (SONET) MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 36 LAMEA PASSIVE OPTICAL COMPONENT IN SYNCHRONOUS OPTICAL NETWORK (SONET) MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 37 LAMEA PASSIVE OPTICAL COMPONENT IN INTEROFFICE MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 38 LAMEA PASSIVE OPTICAL COMPONENT IN INTEROFFICE MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 39 LAMEA PASSIVE OPTICAL COMPONENT IN FIBER IN THE LOOP (FITL) MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 40 LAMEA PASSIVE OPTICAL COMPONENT IN FIBER IN THE LOOP (FITL) MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 41 LAMEA PASSIVE OPTICAL COMPONENT IN LOOP FEEDER MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 42 LAMEA PASSIVE OPTICAL COMPONENT IN LOOP FEEDER MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 43 LAMEA PASSIVE OPTICAL COMPONENT IN OTHER APPLICATION MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 44 LAMEA PASSIVE OPTICAL COMPONENT IN OTHER APPLICATION MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 45 LAMEA PASSIVE OPTICAL COMPONENT MARKET BY COUNTRY, 2012 - 2015, USD MILLION

TABLE 46 LAMEA PASSIVE OPTICAL COMPONENT MARKET BY COUNTRY, 2016 - 2022, USD MILLION

TABLE 47 BRAZIL PASSIVE OPTICAL COMPONENT MARKET, 2012 - 2015, USD MILLION

TABLE 48 BRAZIL PASSIVE OPTICAL COMPONENT MARKET, 2016 - 2022, USD MILLION

TABLE 49 BRAZIL PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2012 - 2015, USD MILLION

TABLE 50 BRAZIL PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2016 - 2022, USD MILLION

TABLE 51 BRAZIL PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION, 2012 - 2015, USD MILLION

TABLE 52 BRAZIL PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION, 2016 - 2022, USD MILLION

TABLE 53 ARGENTINA PASSIVE OPTICAL COMPONENT MARKET, 2012 - 2015, USD MILLION

TABLE 54 ARGENTINA PASSIVE OPTICAL COMPONENT MARKET, 2016 - 2022, USD MILLION

TABLE 55 ARGENTINA PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2012 - 2015, USD MILLION

TABLE 56 ARGENTINA PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2016 - 2022, USD MILLION

TABLE 57 ARGENTINA PASSIVE OPTICAL COMPONENT MARKET BY

APPLICATION, 2012 - 2015, USD MILLION

TABLE 58 ARGENTINA PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION, 2016 - 2022, USD MILLION

TABLE 59 UAE PASSIVE OPTICAL COMPONENT MARKET, 2012 - 2015, USD MILLION

TABLE 60 UAE PASSIVE OPTICAL COMPONENT MARKET, 2016 - 2022, USD MILLION

TABLE 61 UAE PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2012 - 2015, USD MILLION

TABLE 62 UAE PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2016 - 2022, USD MILLION

TABLE 63 UAE PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION, 2012 - 2015, USD MILLION

TABLE 64 UAE PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION, 2016 - 2022, USD MILLION

TABLE 65 SAUDI ARABIA PASSIVE OPTICAL COMPONENT MARKET, 2012 - 2015, USD MILLION

TABLE 66 SAUDI ARABIA PASSIVE OPTICAL COMPONENT MARKET, 2016 - 2022, USD MILLION

TABLE 67 SAUDI ARABIA PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2012 - 2015, USD MILLION

TABLE 68 SAUDI ARABIA PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2016 - 2022, USD MILLION

TABLE 69 SAUDI ARABIA PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION, 2012 - 2015, USD MILLION

TABLE 70 SAUDI ARABIA PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION, 2016 - 2022, USD MILLION

TABLE 71 SOUTH AFRICA PASSIVE OPTICAL COMPONENT MARKET, 2012 - 2015, USD MILLION

TABLE 72 SOUTH AFRICA PASSIVE OPTICAL COMPONENT MARKET, 2016 - 2022, USD MILLION

TABLE 73 SOUTH AFRICA PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2012 - 2015, USD MILLION

TABLE 74 SOUTH AFRICA PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2016 - 2022, USD MILLION

TABLE 75 SOUTH AFRICA PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION, 2012 - 2015, USD MILLION

TABLE 76 SOUTH AFRICA PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION, 2016 - 2022, USD MILLION

TABLE 77 NIGERIA PASSIVE OPTICAL COMPONENT MARKET, 2012 - 2015, USD MILLION

TABLE 78 NIGERIA PASSIVE OPTICAL COMPONENT MARKET, 2016 - 2022, USD MILLION

TABLE 79 NIGERIA PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2012 - 2015, USD MILLION

TABLE 80 NIGERIA PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2016 - 2022, USD MILLION

TABLE 81 NIGERIA PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION, 2012 - 2015, USD MILLION

TABLE 82 NIGERIA PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION, 2016 - 2022, USD MILLION

TABLE 83 REST OF LAMEA PASSIVE OPTICAL COMPONENT MARKET, 2012 - 2015, USD MILLION

TABLE 84 REST OF LAMEA PASSIVE OPTICAL COMPONENT MARKET, 2016 - 2022, USD MILLION

TABLE 85 REST OF LAMEA PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2012 - 2015, USD MILLION

TABLE 86 REST OF LAMEA PASSIVE OPTICAL COMPONENT MARKET BY TYPE, 2016 - 2022, USD MILLION

TABLE 87 REST OF LAMEA PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION, 2012 - 2015, USD MILLION

TABLE 88 REST OF LAMEA PASSIVE OPTICAL COMPONENT MARKET BY APPLICATION, 2016 - 2022, USD MILLION

TABLE 89 KEY INFORMATION – ZTE CORPORATION

TABLE 90 KEY INFORMATION – MOTOROLA SOLUTIONS INC.

TABLE 91 KEY INFORMATION – HUAWEI TECHNOLOGIES CO., LTD

TABLE 92 KEY INFORMATION - NXP SEMICONDUCTOR N.V.

TABLE 93 KEY INFORMATION – TELLABS INC.

TABLE 94 KEY INFORMATION – ADTRAN INC.

TABLE 95 KEY INFORMATION – CALIX, INC.

TABLE 96 KEY INFORMATION – NOKIA CORPORATION

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