

# COVID-19 Impact on Global Distributed Fibre Optic Sensing (DFOS) Market Insights, Forecast to 2026

https://marketpublishers.com/r/CD06664C5512EN.html

Date: July 2020

Pages: 119

Price: US\$ 4,900.00 (Single User License)

ID: CD06664C5512EN

### **Abstracts**

Distributed Fibre Optic Sensing (DFOS) market is segmented by Type, and by Application. Players, stakeholders, and other participants in the global Distributed Fibre Optic Sensing (DFOS) market will be able to gain the upper hand as they use the report as a powerful resource. The segmental analysis focuses on production capacity, revenue and forecast by Type and by Application for the period 2015-2026.

Segment by Type, the Distributed Fibre Optic Sensing (DFOS) market is segmented into

Single-mode

Multi-mode

Segment by Application, the Distributed Fibre Optic Sensing (DFOS) market is segmented into

Oil and Gas

Power and Utility

Safety and Security

Civil Engineering



Regional and Country-level Analysis

The Distributed Fibre Optic Sensing (DFOS) market is analysed and market size information is provided by regions (countries).

The key regions covered in the Distributed Fibre Optic Sensing (DFOS) market report are North America, Europe, China, Japan and South Korea. It also covers key regions (countries), viz, the U.S., Canada, Germany, France, U.K., Italy, Russia, China, Japan, South Korea, India, Australia, Taiwan, Indonesia, Thailand, Malaysia, Philippines, Vietnam, Mexico, Brazil, Turkey, Saudi Arabia, U.A.E, etc.

The report includes country-wise and region-wise market size for the period 2015-2026. It also includes market size and forecast by Type, and by Application segment in terms of production capacity, price and revenue for the period 2015-2026.

Competitive Landscape and Distributed Fibre Optic Sensing (DFOS) Market Share Analysis

Distributed Fibre Optic Sensing (DFOS) market competitive landscape provides details and data information by manufacturers. The report offers comprehensive analysis and accurate statistics on production capacity, price, revenue of Distributed Fibre Optic Sensing (DFOS) by the player for the period 2015-2020. It also offers detailed analysis supported by reliable statistics on production, revenue (global and regional level) by players for the period 2015-2020. Details included are company description, major business, company total revenue, and the production capacity, price, revenue generated in Distributed Fibre Optic Sensing (DFOS) business, the date to enter into the Distributed Fibre Optic Sensing (DFOS) market, Distributed Fibre Optic Sensing (DFOS) product introduction, recent developments, etc.

The major vendors covered:

Lockheed Martin

Northrop Grumman

Magal Security Systems

QinetiQ Group

**CGG** 



GE(Baker Hughes)

Southwest Microwave

**Fotech Solutions** 

**NKT Photonics** 

Future Fibre Technologies



### **Contents**

#### 1 STUDY COVERAGE

- 1.1 Distributed Fibre Optic Sensing (DFOS) Product Introduction
- 1.2 Key Market Segments in This Study
- 1.3 Key Manufacturers Covered: Ranking of Global Top Distributed Fibre Optic Sensing (DFOS) Manufacturers by Revenue in 2019
- 1.4 Market by Type
- 1.4.1 Global Distributed Fibre Optic Sensing (DFOS) Market Size Growth Rate by Type
  - 1.4.2 Single-mode
  - 1.4.3 Multi-mode
- 1.5 Market by Application
- 1.5.1 Global Distributed Fibre Optic Sensing (DFOS) Market Size Growth Rate by Application
  - 1.5.2 Oil and Gas
  - 1.5.3 Power and Utility
  - 1.5.4 Safety and Security
  - 1.5.5 Civil Engineering
- 1.6 Coronavirus Disease 2019 (Covid-19): Distributed Fibre Optic Sensing (DFOS) Industry Impact
- 1.6.1 How the Covid-19 is Affecting the Distributed Fibre Optic Sensing (DFOS) Industry
- 1.6.1.1 Distributed Fibre Optic Sensing (DFOS) Business Impact Assessment Covid-19
  - 1.6.1.2 Supply Chain Challenges
  - 1.6.1.3 COVID-19's Impact On Crude Oil and Refined Products
- 1.6.2 Market Trends and Distributed Fibre Optic Sensing (DFOS) Potential Opportunities in the COVID-19 Landscape
  - 1.6.3 Measures / Proposal against Covid-19
    - 1.6.3.1 Government Measures to Combat Covid-19 Impact
  - 1.6.3.2 Proposal for Distributed Fibre Optic Sensing (DFOS) Players to Combat
- Covid-19 Impact
- 1.7 Study Objectives
- 1.8 Years Considered

### **2 EXECUTIVE SUMMARY**



- 2.1 Global Distributed Fibre Optic Sensing (DFOS) Market Size Estimates and Forecasts
- 2.1.1 Global Distributed Fibre Optic Sensing (DFOS) Revenue Estimates and Forecasts 2015-2026
- 2.1.2 Global Distributed Fibre Optic Sensing (DFOS) Production Capacity Estimates and Forecasts 2015-2026
- 2.1.3 Global Distributed Fibre Optic Sensing (DFOS) Production Estimates and Forecasts 2015-2026
- 2.2 Global Distributed Fibre Optic Sensing (DFOS) Market Size by Producing Regions: 2015 VS 2020 VS 2026
- 2.3 Analysis of Competitive Landscape
  - 2.3.1 Manufacturers Market Concentration Ratio (CR5 and HHI)
- 2.3.2 Global Distributed Fibre Optic Sensing (DFOS) Market Share by Company Type (Tier 1, Tier 2 and Tier 3)
- 2.3.3 Global Distributed Fibre Optic Sensing (DFOS) Manufacturers Geographical Distribution
- 2.4 Key Trends for Distributed Fibre Optic Sensing (DFOS) Markets & Products
- 2.5 Primary Interviews with Key Distributed Fibre Optic Sensing (DFOS) Players (Opinion Leaders)

### **3 MARKET SIZE BY MANUFACTURERS**

- 3.1 Global Top Distributed Fibre Optic Sensing (DFOS) Manufacturers by Production Capacity
- 3.1.1 Global Top Distributed Fibre Optic Sensing (DFOS) Manufacturers by Production Capacity (2015-2020)
- 3.1.2 Global Top Distributed Fibre Optic Sensing (DFOS) Manufacturers by Production (2015-2020)
- 3.1.3 Global Top Distributed Fibre Optic Sensing (DFOS) Manufacturers Market Share by Production
- 3.2 Global Top Distributed Fibre Optic Sensing (DFOS) Manufacturers by Revenue
- 3.2.1 Global Top Distributed Fibre Optic Sensing (DFOS) Manufacturers by Revenue (2015-2020)
- 3.2.2 Global Top Distributed Fibre Optic Sensing (DFOS) Manufacturers Market Share by Revenue (2015-2020)
- 3.2.3 Global Top 10 and Top 5 Companies by Distributed Fibre Optic Sensing (DFOS) Revenue in 2019
- 3.3 Global Distributed Fibre Optic Sensing (DFOS) Price by Manufacturers
- 3.4 Mergers & Acquisitions, Expansion Plans



### 4 DISTRIBUTED FIBRE OPTIC SENSING (DFOS) PRODUCTION BY REGIONS

- 4.1 Global Distributed Fibre Optic Sensing (DFOS) Historic Market Facts & Figures by Regions
- 4.1.1 Global Top Distributed Fibre Optic Sensing (DFOS) Regions by Production (2015-2020)
- 4.1.2 Global Top Distributed Fibre Optic Sensing (DFOS) Regions by Revenue (2015-2020)
- 4.2 North America
- 4.2.1 North America Distributed Fibre Optic Sensing (DFOS) Production (2015-2020)
- 4.2.2 North America Distributed Fibre Optic Sensing (DFOS) Revenue (2015-2020)
- 4.2.3 Key Players in North America
- 4.2.4 North America Distributed Fibre Optic Sensing (DFOS) Import & Export (2015-2020)
- 4.3 Europe
  - 4.3.1 Europe Distributed Fibre Optic Sensing (DFOS) Production (2015-2020)
  - 4.3.2 Europe Distributed Fibre Optic Sensing (DFOS) Revenue (2015-2020)
  - 4.3.3 Key Players in Europe
  - 4.3.4 Europe Distributed Fibre Optic Sensing (DFOS) Import & Export (2015-2020)
- 4.4 China
  - 4.4.1 China Distributed Fibre Optic Sensing (DFOS) Production (2015-2020)
  - 4.4.2 China Distributed Fibre Optic Sensing (DFOS) Revenue (2015-2020)
  - 4.4.3 Key Players in China
- 4.4.4 China Distributed Fibre Optic Sensing (DFOS) Import & Export (2015-2020)
- 4.5 Japan
  - 4.5.1 Japan Distributed Fibre Optic Sensing (DFOS) Production (2015-2020)
  - 4.5.2 Japan Distributed Fibre Optic Sensing (DFOS) Revenue (2015-2020)
  - 4.5.3 Key Players in Japan
  - 4.5.4 Japan Distributed Fibre Optic Sensing (DFOS) Import & Export (2015-2020)
- 4.6 South Korea
  - 4.6.1 South Korea Distributed Fibre Optic Sensing (DFOS) Production (2015-2020)
  - 4.6.2 South Korea Distributed Fibre Optic Sensing (DFOS) Revenue (2015-2020)
  - 4.6.3 Key Players in South Korea
- 4.6.4 South Korea Distributed Fibre Optic Sensing (DFOS) Import & Export (2015-2020)

### 5 DISTRIBUTED FIBRE OPTIC SENSING (DFOS) CONSUMPTION BY REGION



- 5.1 Global Top Distributed Fibre Optic Sensing (DFOS) Regions by Consumption
- 5.1.1 Global Top Distributed Fibre Optic Sensing (DFOS) Regions by Consumption (2015-2020)
- 5.1.2 Global Top Distributed Fibre Optic Sensing (DFOS) Regions Market Share by Consumption (2015-2020)
- 5.2 North America
- 5.2.1 North America Distributed Fibre Optic Sensing (DFOS) Consumption by Application
- 5.2.2 North America Distributed Fibre Optic Sensing (DFOS) Consumption by Countries
  - 5.2.3 U.S.
  - 5.2.4 Canada
- 5.3 Europe
  - 5.3.1 Europe Distributed Fibre Optic Sensing (DFOS) Consumption by Application
  - 5.3.2 Europe Distributed Fibre Optic Sensing (DFOS) Consumption by Countries
  - 5.3.3 Germany
  - 5.3.4 France
  - 5.3.5 U.K.
  - 5.3.6 Italy
  - 5.3.7 Russia
- 5.4 Asia Pacific
  - 5.4.1 Asia Pacific Distributed Fibre Optic Sensing (DFOS) Consumption by Application
  - 5.4.2 Asia Pacific Distributed Fibre Optic Sensing (DFOS) Consumption by Regions
  - 5.4.3 China
  - 5.4.4 Japan
  - 5.4.5 South Korea
  - 5.4.6 India
  - 5.4.7 Australia
  - 5.4.8 Taiwan
  - 5.4.9 Indonesia
  - 5.4.10 Thailand
  - 5.4.11 Malaysia
  - 5.4.12 Philippines
  - 5.4.13 Vietnam
- 5.5 Central & South America
- 5.5.1 Central & South America Distributed Fibre Optic Sensing (DFOS) Consumption by Application
- 5.5.2 Central & South America Distributed Fibre Optic Sensing (DFOS) Consumption by Country



- 5.5.3 Mexico
- 5.5.3 Brazil
- 5.5.3 Argentina
- 5.6 Middle East and Africa
- 5.6.1 Middle East and Africa Distributed Fibre Optic Sensing (DFOS) Consumption by Application
- 5.6.2 Middle East and Africa Distributed Fibre Optic Sensing (DFOS) Consumption by Countries
  - 5.6.3 Turkey
  - 5.6.4 Saudi Arabia
  - 5.6.5 U.A.E

### **6 MARKET SIZE BY TYPE (2015-2026)**

- 6.1 Global Distributed Fibre Optic Sensing (DFOS) Market Size by Type (2015-2020)
- 6.1.1 Global Distributed Fibre Optic Sensing (DFOS) Production by Type (2015-2020)
- 6.1.2 Global Distributed Fibre Optic Sensing (DFOS) Revenue by Type (2015-2020)
- 6.1.3 Distributed Fibre Optic Sensing (DFOS) Price by Type (2015-2020)
- 6.2 Global Distributed Fibre Optic Sensing (DFOS) Market Forecast by Type (2021-2026)
- 6.2.1 Global Distributed Fibre Optic Sensing (DFOS) Production Forecast by Type (2021-2026)
- 6.2.2 Global Distributed Fibre Optic Sensing (DFOS) Revenue Forecast by Type (2021-2026)
- 6.2.3 Global Distributed Fibre Optic Sensing (DFOS) Price Forecast by Type (2021-2026)
- 6.3 Global Distributed Fibre Optic Sensing (DFOS) Market Share by Price Tier (2015-2020): Low-End, Mid-Range and High-End

### 7 MARKET SIZE BY APPLICATION (2015-2026)

- 7.2.1 Global Distributed Fibre Optic Sensing (DFOS) Consumption Historic Breakdown by Application (2015-2020)
- 7.2.2 Global Distributed Fibre Optic Sensing (DFOS) Consumption Forecast by Application (2021-2026)

### **8 CORPORATE PROFILES**

### 8.1 Lockheed Martin



- 8.1.1 Lockheed Martin Corporation Information
- 8.1.2 Lockheed Martin Overview and Its Total Revenue
- 8.1.3 Lockheed Martin Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.1.4 Lockheed Martin Product Description
  - 8.1.5 Lockheed Martin Recent Development
- 8.2 Northrop Grumman
  - 8.2.1 Northrop Grumman Corporation Information
  - 8.2.2 Northrop Grumman Overview and Its Total Revenue
- 8.2.3 Northrop Grumman Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.2.4 Northrop Grumman Product Description
  - 8.2.5 Northrop Grumman Recent Development
- 8.3 Magal Security Systems
  - 8.3.1 Magal Security Systems Corporation Information
  - 8.3.2 Magal Security Systems Overview and Its Total Revenue
- 8.3.3 Magal Security Systems Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.3.4 Magal Security Systems Product Description
  - 8.3.5 Magal Security Systems Recent Development
- 8.4 QinetiQ Group
  - 8.4.1 QinetiQ Group Corporation Information
  - 8.4.2 QinetiQ Group Overview and Its Total Revenue
- 8.4.3 QinetiQ Group Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.4.4 QinetiQ Group Product Description
  - 8.4.5 QinetiQ Group Recent Development
- 8.5 CGG
  - 8.5.1 CGG Corporation Information
  - 8.5.2 CGG Overview and Its Total Revenue
- 8.5.3 CGG Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
- 8.5.4 CGG Product Description
- 8.5.5 CGG Recent Development
- 8.6 GE(Baker Hughes)
  - 8.6.1 GE(Baker Hughes) Corporation Information
  - 8.6.2 GE(Baker Hughes) Overview and Its Total Revenue
- 8.6.3 GE(Baker Hughes) Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)



- 8.6.4 GE(Baker Hughes) Product Description
- 8.6.5 GE(Baker Hughes) Recent Development
- 8.7 Southwest Microwave
  - 8.7.1 Southwest Microwave Corporation Information
  - 8.7.2 Southwest Microwave Overview and Its Total Revenue
- 8.7.3 Southwest Microwave Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
- 8.7.4 Southwest Microwave Product Description
- 8.7.5 Southwest Microwave Recent Development
- 8.8 Fotech Solutions
  - 8.8.1 Fotech Solutions Corporation Information
  - 8.8.2 Fotech Solutions Overview and Its Total Revenue
- 8.8.3 Fotech Solutions Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.8.4 Fotech Solutions Product Description
  - 8.8.5 Fotech Solutions Recent Development
- 8.9 NKT Photonics
  - 8.9.1 NKT Photonics Corporation Information
  - 8.9.2 NKT Photonics Overview and Its Total Revenue
- 8.9.3 NKT Photonics Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.9.4 NKT Photonics Product Description
  - 8.9.5 NKT Photonics Recent Development
- 8.10 Future Fibre Technologies
  - 8.10.1 Future Fibre Technologies Corporation Information
  - 8.10.2 Future Fibre Technologies Overview and Its Total Revenue
- 8.10.3 Future Fibre Technologies Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.10.4 Future Fibre Technologies Product Description
  - 8.10.5 Future Fibre Technologies Recent Development
- 8.11 Silixa
  - 8.11.1 Silixa Corporation Information
  - 8.11.2 Silixa Overview and Its Total Revenue
- 8.11.3 Silixa Production Capacity and Supply, Price, Revenue and Gross Margin (2015-2020)
  - 8.11.4 Silixa Product Description
  - 8.11.5 Silixa Recent Development

### 9 PRODUCTION FORECASTS BY REGIONS



- 9.1 Global Top Distributed Fibre Optic Sensing (DFOS) Regions Forecast by Revenue (2021-2026)
- 9.2 Global Top Distributed Fibre Optic Sensing (DFOS) Regions Forecast by Production (2021-2026)
- 9.3 Key Distributed Fibre Optic Sensing (DFOS) Production Regions Forecast
  - 9.3.1 North America
  - 9.3.2 Europe
  - 9.3.3 China
  - 9.3.4 Japan
  - 9.3.5 South Korea

# 10 DISTRIBUTED FIBRE OPTIC SENSING (DFOS) CONSUMPTION FORECAST BY REGION

- 10.1 Global Distributed Fibre Optic Sensing (DFOS) Consumption Forecast by Region (2021-2026)
- 10.2 North America Distributed Fibre Optic Sensing (DFOS) Consumption Forecast by Region (2021-2026)
- 10.3 Europe Distributed Fibre Optic Sensing (DFOS) Consumption Forecast by Region (2021-2026)
- 10.4 Asia Pacific Distributed Fibre Optic Sensing (DFOS) Consumption Forecast by Region (2021-2026)
- 10.5 Latin America Distributed Fibre Optic Sensing (DFOS) Consumption Forecast by Region (2021-2026)
- 10.6 Middle East and Africa Distributed Fibre Optic Sensing (DFOS) Consumption Forecast by Region (2021-2026)

### 11 VALUE CHAIN AND SALES CHANNELS ANALYSIS

- 11.1 Value Chain Analysis
- 11.2 Sales Channels Analysis
  - 11.2.1 Distributed Fibre Optic Sensing (DFOS) Sales Channels
  - 11.2.2 Distributed Fibre Optic Sensing (DFOS) Distributors
- 11.3 Distributed Fibre Optic Sensing (DFOS) Customers

# 12 MARKET OPPORTUNITIES & CHALLENGES, RISKS AND INFLUENCES FACTORS ANALYSIS



- 12.1 Market Opportunities and Drivers
- 12.2 Market Challenges
- 12.3 Market Risks/Restraints
- 12.4 Porter's Five Forces Analysis

# 13 KEY FINDING IN THE GLOBAL DISTRIBUTED FIBRE OPTIC SENSING (DFOS) STUDY

### **14 APPENDIX**

- 14.1 Research Methodology
  - 14.1.1 Methodology/Research Approach
  - 14.1.2 Data Source
- 14.2 Author Details
- 14.3 Disclaimer



### **List Of Tables**

### LIST OF TABLES

- Table 1. Distributed Fibre Optic Sensing (DFOS) Key Market Segments in This Study
- Table 2. Ranking of Global Top Distributed Fibre Optic Sensing (DFOS) Manufacturers by Revenue (US\$ Million) in 2019
- Table 3. Global Distributed Fibre Optic Sensing (DFOS) Market Size Growth Rate by Type 2020-2026 (K Units) (Million US\$)
- Table 4. Major Manufacturers of Single-mode
- Table 5. Major Manufacturers of Multi-mode
- Table 6. COVID-19 Impact Global Market: (Four Distributed Fibre Optic Sensing (DFOS) Market Size Forecast Scenarios)
- Table 7. Opportunities and Trends for Distributed Fibre Optic Sensing (DFOS) Players in the COVID-19 Landscape
- Table 8. Present Opportunities in China & Elsewhere Due to the Coronavirus Crisis
- Table 9. Key Regions/Countries Measures against Covid-19 Impact
- Table 10. Proposal for Distributed Fibre Optic Sensing (DFOS) Players to Combat Covid-19 Impact
- Table 11. Global Distributed Fibre Optic Sensing (DFOS) Market Size Growth Rate by Application 2020-2026 (K Units)
- Table 12. Global Distributed Fibre Optic Sensing (DFOS) Market Size by Region in US\$ Million: 2015 VS 2020 VS 2026
- Table 13. Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 14. Global Distributed Fibre Optic Sensing (DFOS) by Company Type (Tier 1,
- Tier 2 and Tier 3) (based on the Revenue in Distributed Fibre Optic Sensing (DFOS) as of 2019)
- Table 15. Distributed Fibre Optic Sensing (DFOS) Manufacturing Base Distribution and Headquarters
- Table 16. Manufacturers Distributed Fibre Optic Sensing (DFOS) Product Offered
- Table 17. Date of Manufacturers Enter into Distributed Fibre Optic Sensing (DFOS) Market
- Table 18. Key Trends for Distributed Fibre Optic Sensing (DFOS) Markets & Products
- Table 19. Main Points Interviewed from Key Distributed Fibre Optic Sensing (DFOS) Players
- Table 20. Global Distributed Fibre Optic Sensing (DFOS) Production Capacity by Manufacturers (2015-2020) (K Units)
- Table 21. Global Distributed Fibre Optic Sensing (DFOS) Production Share by Manufacturers (2015-2020)



- Table 22. Distributed Fibre Optic Sensing (DFOS) Revenue by Manufacturers (2015-2020) (Million US\$)
- Table 23. Distributed Fibre Optic Sensing (DFOS) Revenue Share by Manufacturers (2015-2020)
- Table 24. Distributed Fibre Optic Sensing (DFOS) Price by Manufacturers 2015-2020 (USD/Unit)
- Table 25. Mergers & Acquisitions, Expansion Plans
- Table 26. Global Distributed Fibre Optic Sensing (DFOS) Production by Regions (2015-2020) (K Units)
- Table 27. Global Distributed Fibre Optic Sensing (DFOS) Production Market Share by Regions (2015-2020)
- Table 28. Global Distributed Fibre Optic Sensing (DFOS) Revenue by Regions (2015-2020) (US\$ Million)
- Table 29. Global Distributed Fibre Optic Sensing (DFOS) Revenue Market Share by Regions (2015-2020)
- Table 30. Key Distributed Fibre Optic Sensing (DFOS) Players in North America
- Table 31. Import & Export of Distributed Fibre Optic Sensing (DFOS) in North America (K Units)
- Table 32. Key Distributed Fibre Optic Sensing (DFOS) Players in Europe
- Table 33. Import & Export of Distributed Fibre Optic Sensing (DFOS) in Europe (K Units)
- Table 34. Key Distributed Fibre Optic Sensing (DFOS) Players in China
- Table 35. Import & Export of Distributed Fibre Optic Sensing (DFOS) in China (K Units)
- Table 36. Key Distributed Fibre Optic Sensing (DFOS) Players in Japan
- Table 37. Import & Export of Distributed Fibre Optic Sensing (DFOS) in Japan (K Units)
- Table 38. Key Distributed Fibre Optic Sensing (DFOS) Players in South Korea
- Table 39. Import & Export of Distributed Fibre Optic Sensing (DFOS) in South Korea (K Units)
- Table 40. Global Distributed Fibre Optic Sensing (DFOS) Consumption by Regions (2015-2020) (K Units)
- Table 41. Global Distributed Fibre Optic Sensing (DFOS) Consumption Market Share by Regions (2015-2020)
- Table 42. North America Distributed Fibre Optic Sensing (DFOS) Consumption by Application (2015-2020) (K Units)
- Table 43. North America Distributed Fibre Optic Sensing (DFOS) Consumption by Countries (2015-2020) (K Units)
- Table 44. Europe Distributed Fibre Optic Sensing (DFOS) Consumption by Application (2015-2020) (K Units)
- Table 45. Europe Distributed Fibre Optic Sensing (DFOS) Consumption by Countries



(2015-2020) (K Units)

Table 46. Asia Pacific Distributed Fibre Optic Sensing (DFOS) Consumption by Application (2015-2020) (K Units)

Table 47. Asia Pacific Distributed Fibre Optic Sensing (DFOS) Consumption Market Share by Application (2015-2020) (K Units)

Table 48. Asia Pacific Distributed Fibre Optic Sensing (DFOS) Consumption by Regions (2015-2020) (K Units)

Table 49. Latin America Distributed Fibre Optic Sensing (DFOS) Consumption by Application (2015-2020) (K Units)

Table 50. Latin America Distributed Fibre Optic Sensing (DFOS) Consumption by Countries (2015-2020) (K Units)

Table 51. Middle East and Africa Distributed Fibre Optic Sensing (DFOS) Consumption by Application (2015-2020) (K Units)

Table 52. Middle East and Africa Distributed Fibre Optic Sensing (DFOS) Consumption by Countries (2015-2020) (K Units)

Table 53. Global Distributed Fibre Optic Sensing (DFOS) Production by Type (2015-2020) (K Units)

Table 54. Global Distributed Fibre Optic Sensing (DFOS) Production Share by Type (2015-2020)

Table 55. Global Distributed Fibre Optic Sensing (DFOS) Revenue by Type (2015-2020) (Million US\$)

Table 56. Global Distributed Fibre Optic Sensing (DFOS) Revenue Share by Type (2015-2020)

Table 57. Distributed Fibre Optic Sensing (DFOS) Price by Type 2015-2020 (USD/Unit)

Table 58. Global Distributed Fibre Optic Sensing (DFOS) Consumption by Application (2015-2020) (K Units)

Table 59. Global Distributed Fibre Optic Sensing (DFOS) Consumption by Application (2015-2020) (K Units)

Table 60. Global Distributed Fibre Optic Sensing (DFOS) Consumption Share by Application (2015-2020)

Table 61. Lockheed Martin Corporation Information

Table 62. Lockheed Martin Description and Major Businesses

Table 63. Lockheed Martin Distributed Fibre Optic Sensing (DFOS) Production (K

Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 64. Lockheed Martin Product

Table 65. Lockheed Martin Recent Development

Table 66. Northrop Grumman Corporation Information

Table 67. Northrop Grumman Description and Major Businesses

Table 68. Northrop Grumman Distributed Fibre Optic Sensing (DFOS) Production (K



Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 69. Northrop Grumman Product

Table 70. Northrop Grumman Recent Development

Table 71. Magal Security Systems Corporation Information

Table 72. Magal Security Systems Description and Major Businesses

Table 73. Magal Security Systems Distributed Fibre Optic Sensing (DFOS) Production

(K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 74. Magal Security Systems Product

Table 75. Magal Security Systems Recent Development

Table 76. QinetiQ Group Corporation Information

Table 77. QinetiQ Group Description and Major Businesses

Table 78. QinetiQ Group Distributed Fibre Optic Sensing (DFOS) Production (K Units),

Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 79. QinetiQ Group Product

Table 80. QinetiQ Group Recent Development

Table 81. CGG Corporation Information

Table 82. CGG Description and Major Businesses

Table 83. CGG Distributed Fibre Optic Sensing (DFOS) Production (K Units), Revenue

(US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 84. CGG Product

Table 85. CGG Recent Development

Table 86. GE(Baker Hughes) Corporation Information

Table 87. GE(Baker Hughes) Description and Major Businesses

Table 88. GE(Baker Hughes) Distributed Fibre Optic Sensing (DFOS) Production (K

Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 89. GE(Baker Hughes) Product

Table 90. GE(Baker Hughes) Recent Development

Table 91. Southwest Microwave Corporation Information

Table 92. Southwest Microwave Description and Major Businesses

Table 93. Southwest Microwave Distributed Fibre Optic Sensing (DFOS) Production (K

Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 94. Southwest Microwave Product

Table 95. Southwest Microwave Recent Development

Table 96. Fotech Solutions Corporation Information

Table 97. Fotech Solutions Description and Major Businesses

Table 98. Fotech Solutions Distributed Fibre Optic Sensing (DFOS) Production (K

Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 99. Fotech Solutions Product

Table 100. Fotech Solutions Recent Development



Table 101. NKT Photonics Corporation Information

Table 102. NKT Photonics Description and Major Businesses

Table 103. NKT Photonics Distributed Fibre Optic Sensing (DFOS) Production (K

Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 104. NKT Photonics Product

Table 105. NKT Photonics Recent Development

Table 106. Future Fibre Technologies Corporation Information

Table 107. Future Fibre Technologies Description and Major Businesses

Table 108. Future Fibre Technologies Distributed Fibre Optic Sensing (DFOS)

Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 109. Future Fibre Technologies Product

Table 110. Future Fibre Technologies Recent Development

Table 111. Silixa Corporation Information

Table 112. Silixa Description and Major Businesses

Table 113. Silixa Distributed Fibre Optic Sensing (DFOS) Production (K Units),

Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2015-2020)

Table 114. Silixa Product

Table 115. Silixa Recent Development

Table 116. Global Distributed Fibre Optic Sensing (DFOS) Revenue Forecast by Region (2021-2026) (Million US\$)

Table 117. Global Distributed Fibre Optic Sensing (DFOS) Production Forecast by Regions (2021-2026) (K Units)

Table 118. Global Distributed Fibre Optic Sensing (DFOS) Production Forecast by Type (2021-2026) (K Units)

Table 119. Global Distributed Fibre Optic Sensing (DFOS) Revenue Forecast by Type (2021-2026) (Million US\$)

Table 120. North America Distributed Fibre Optic Sensing (DFOS) Consumption Forecast by Regions (2021-2026) (K Units)

Table 121. Europe Distributed Fibre Optic Sensing (DFOS) Consumption Forecast by Regions (2021-2026) (K Units)

Table 122. Asia Pacific Distributed Fibre Optic Sensing (DFOS) Consumption Forecast by Regions (2021-2026) (K Units)

Table 123. Latin America Distributed Fibre Optic Sensing (DFOS) Consumption Forecast by Regions (2021-2026) (K Units)

Table 124. Middle East and Africa Distributed Fibre Optic Sensing (DFOS)

Consumption Forecast by Regions (2021-2026) (K Units)

Table 125. Distributed Fibre Optic Sensing (DFOS) Distributors List

Table 126. Distributed Fibre Optic Sensing (DFOS) Customers List



Table 127. Key Opportunities and Drivers: Impact Analysis (2021-2026)

Table 128. Key Challenges

Table 129. Market Risks

Table 130. Research Programs/Design for This Report

Table 131. Key Data Information from Secondary Sources

Table 132. Key Data Information from Primary Sources



# **List Of Figures**

### LIST OF FIGURES

- Figure 1. Distributed Fibre Optic Sensing (DFOS) Product Picture
- Figure 2. Global Distributed Fibre Optic Sensing (DFOS) Production Market Share by Type in 2020 & 2026
- Figure 3. Single-mode Product Picture
- Figure 4. Multi-mode Product Picture
- Figure 5. Global Distributed Fibre Optic Sensing (DFOS) Consumption Market Share by Application in 2020 & 2026
- Figure 6. Oil and Gas
- Figure 7. Power and Utility
- Figure 8. Safety and Security
- Figure 9. Civil Engineering
- Figure 10. Distributed Fibre Optic Sensing (DFOS) Report Years Considered
- Figure 11. Global Distributed Fibre Optic Sensing (DFOS) Revenue 2015-2026 (Million US\$)
- Figure 12. Global Distributed Fibre Optic Sensing (DFOS) Production Capacity 2015-2026 (K Units)
- Figure 13. Global Distributed Fibre Optic Sensing (DFOS) Production 2015-2026 (K Units)
- Figure 14. Global Distributed Fibre Optic Sensing (DFOS) Market Share Scenario by Region in Percentage: 2020 Versus 2026
- Figure 15. Distributed Fibre Optic Sensing (DFOS) Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2015 VS 2019
- Figure 16. Global Distributed Fibre Optic Sensing (DFOS) Production Share by Manufacturers in 2015
- Figure 17. The Top 10 and Top 5 Players Market Share by Distributed Fibre Optic Sensing (DFOS) Revenue in 2019
- Figure 18. Global Distributed Fibre Optic Sensing (DFOS) Production Market Share by Region (2015-2020)
- Figure 19. Distributed Fibre Optic Sensing (DFOS) Production Growth Rate in North America (2015-2020) (K Units)
- Figure 20. Distributed Fibre Optic Sensing (DFOS) Revenue Growth Rate in North America (2015-2020) (US\$ Million)
- Figure 21. Distributed Fibre Optic Sensing (DFOS) Production Growth Rate in Europe (2015-2020) (K Units)
- Figure 22. Distributed Fibre Optic Sensing (DFOS) Revenue Growth Rate in Europe



(2015-2020) (US\$ Million)

Figure 23. Distributed Fibre Optic Sensing (DFOS) Production Growth Rate in China (2015-2020) (K Units)

Figure 24. Distributed Fibre Optic Sensing (DFOS) Revenue Growth Rate in China (2015-2020) (US\$ Million)

Figure 25. Distributed Fibre Optic Sensing (DFOS) Production Growth Rate in Japan (2015-2020) (K Units)

Figure 26. Distributed Fibre Optic Sensing (DFOS) Revenue Growth Rate in Japan (2015-2020) (US\$ Million)

Figure 27. Distributed Fibre Optic Sensing (DFOS) Production Growth Rate in South Korea (2015-2020) (K Units)

Figure 28. Distributed Fibre Optic Sensing (DFOS) Revenue Growth Rate in South Korea (2015-2020) (US\$ Million)

Figure 29. Global Distributed Fibre Optic Sensing (DFOS) Consumption Market Share by Regions 2015-2020

Figure 30. North America Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 31. North America Distributed Fibre Optic Sensing (DFOS) Consumption Market Share by Application in 2019

Figure 32. North America Distributed Fibre Optic Sensing (DFOS) Consumption Market Share by Countries in 2019

Figure 33. U.S. Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 34. Canada Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 35. Europe Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 36. Europe Distributed Fibre Optic Sensing (DFOS) Consumption Market Share by Application in 2019

Figure 37. Europe Distributed Fibre Optic Sensing (DFOS) Consumption Market Share by Countries in 2019

Figure 38. Germany Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 39. France Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 40. U.K. Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 41. Italy Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)



Figure 42. Russia Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 43. Asia Pacific Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (K Units)

Figure 44. Asia Pacific Distributed Fibre Optic Sensing (DFOS) Consumption Market Share by Application in 2019

Figure 45. Asia Pacific Distributed Fibre Optic Sensing (DFOS) Consumption Market Share by Regions in 2019

Figure 46. China Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 47. Japan Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 48. South Korea Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 49. India Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 50. Australia Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 51. Taiwan Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 52. Indonesia Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 53. Thailand Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 54. Malaysia Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 55. Philippines Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 56. Vietnam Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 57. Latin America Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (K Units)

Figure 58. Latin America Distributed Fibre Optic Sensing (DFOS) Consumption Market Share by Application in 2019

Figure 59. Latin America Distributed Fibre Optic Sensing (DFOS) Consumption Market Share by Countries in 2019

Figure 60. Mexico Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 61. Brazil Distributed Fibre Optic Sensing (DFOS) Consumption and Growth



Rate (2015-2020) (K Units)

Figure 62. Argentina Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 63. Middle East and Africa Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (K Units)

Figure 64. Middle East and Africa Distributed Fibre Optic Sensing (DFOS) Consumption Market Share by Application in 2019

Figure 65. Middle East and Africa Distributed Fibre Optic Sensing (DFOS) Consumption Market Share by Countries in 2019

Figure 66. Turkey Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 67. Saudi Arabia Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 68. U.A.E Distributed Fibre Optic Sensing (DFOS) Consumption and Growth Rate (2015-2020) (K Units)

Figure 69. Global Distributed Fibre Optic Sensing (DFOS) Production Market Share by Type (2015-2020)

Figure 70. Global Distributed Fibre Optic Sensing (DFOS) Production Market Share by Type in 2019

Figure 71. Global Distributed Fibre Optic Sensing (DFOS) Revenue Market Share by Type (2015-2020)

Figure 72. Global Distributed Fibre Optic Sensing (DFOS) Revenue Market Share by Type in 2019

Figure 73. Global Distributed Fibre Optic Sensing (DFOS) Production Market Share Forecast by Type (2021-2026)

Figure 74. Global Distributed Fibre Optic Sensing (DFOS) Revenue Market Share Forecast by Type (2021-2026)

Figure 75. Global Distributed Fibre Optic Sensing (DFOS) Market Share by Price Range (2015-2020)

Figure 76. Global Distributed Fibre Optic Sensing (DFOS) Consumption Market Share by Application (2015-2020)

Figure 77. Global Distributed Fibre Optic Sensing (DFOS) Value (Consumption) Market Share by Application (2015-2020)

Figure 78. Global Distributed Fibre Optic Sensing (DFOS) Consumption Market Share Forecast by Application (2021-2026)

Figure 79. Lockheed Martin Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 80. Northrop Grumman Total Revenue (US\$ Million): 2019 Compared with 2018

Figure 81. Magal Security Systems Total Revenue (US\$ Million): 2019 Compared with 2018



- Figure 82. QinetiQ Group Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 83. CGG Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 84. GE(Baker Hughes) Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 85. Southwest Microwave Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 86. Fotech Solutions Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 87. NKT Photonics Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 88. Future Fibre Technologies Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 89. Silixa Total Revenue (US\$ Million): 2019 Compared with 2018
- Figure 90. Global Distributed Fibre Optic Sensing (DFOS) Revenue Forecast by Regions (2021-2026) (US\$ Million)
- Figure 91. Global Distributed Fibre Optic Sensing (DFOS) Revenue Market Share Forecast by Regions ((2021-2026))
- Figure 92. Global Distributed Fibre Optic Sensing (DFOS) Production Forecast by Regions (2021-2026) (K Units)
- Figure 93. North America Distributed Fibre Optic Sensing (DFOS) Production Forecast (2021-2026) (K Units)
- Figure 94. North America Distributed Fibre Optic Sensing (DFOS) Revenue Forecast (2021-2026) (US\$ Million)
- Figure 95. Europe Distributed Fibre Optic Sensing (DFOS) Production Forecast (2021-2026) (K Units)
- Figure 96. Europe Distributed Fibre Optic Sensing (DFOS) Revenue Forecast (2021-2026) (US\$ Million)
- Figure 97. China Distributed Fibre Optic Sensing (DFOS) Production Forecast (2021-2026) (K Units)
- Figure 98. China Distributed Fibre Optic Sensing (DFOS) Revenue Forecast (2021-2026) (US\$ Million)
- Figure 99. Japan Distributed Fibre Optic Sensing (DFOS) Production Forecast (2021-2026) (K Units)
- Figure 100. Japan Distributed Fibre Optic Sensing (DFOS) Revenue Forecast (2021-2026) (US\$ Million)
- Figure 101. South Korea Distributed Fibre Optic Sensing (DFOS) Production Forecast (2021-2026) (K Units)
- Figure 102. South Korea Distributed Fibre Optic Sensing (DFOS) Revenue Forecast (2021-2026) (US\$ Million)
- Figure 103. Global Distributed Fibre Optic Sensing (DFOS) Consumption Market Share Forecast by Region (2021-2026)
- Figure 104. Distributed Fibre Optic Sensing (DFOS) Value Chain



Figure 105. Channels of Distribution

Figure 106. Distributors Profiles

Figure 107. Porter's Five Forces Analysis

Figure 108. Bottom-up and Top-down Approaches for This Report

Figure 109. Data Triangulation

Figure 110. Key Executives Interviewed



### I would like to order

Product name: COVID-19 Impact on Global Distributed Fibre Optic Sensing (DFOS) Market Insights,

Forecast to 2026

Product link: <a href="https://marketpublishers.com/r/CD06664C5512EN.html">https://marketpublishers.com/r/CD06664C5512EN.html</a>

Price: US\$ 4,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

## **Payment**

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/CD06664C5512EN.html">https://marketpublishers.com/r/CD06664C5512EN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

