

Global Data Communication Solutions Market 2026 by Company, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G83E9422A819EN.html>

Date: September 2026

Pages: 115

Price: US\$ 3,480.00 (Single User License)

ID: G83E9422A819EN

Abstracts

According to our (Global Info Research) latest study, the global Data Communication Solutions market size was valued at US\$ 243094 million in 2025 and is forecast to a readjusted size of US\$ 372880 million by 2032 with a CAGR of 6.3% during review period.

Data Communication Solutions refer to a complete set of hardware, software, and technical services used to enable data access, exchange, routing, transmission, management, and security control between computers, servers, terminals, data centers, and different geographical locations. Its main components include Ethernet switches, routers, wireless LAN devices, network gateways, optical transmission equipment, network interfaces and interconnection products, as well as SDN, SD-WAN, network automation, visual monitoring, and security management software.

Driven by exponential AI training data traffic, hyperscale data center expansion, full-scale 5G/5G-A rollout, massive IoT terminal proliferation, enterprise multi-cloud migration and industrial digital transformation, Data Communication Solutions have shifted from isolated wired switching hardware to integrated end-to-end connectivity platforms integrating high-speed optical interconnection, autonomous network orchestration, edge computing gateway, zero-trust security, deterministic low-latency transmission and cloud-native network management software.

400G/800G/1.6T optical modules and Co-packaged Optics (CPO) become mainstream infrastructure for AI clusters, drastically cutting transmission latency and power consumption compared with traditional electrical interconnection. Autonomous Driving Network (ADN) empowered by telecom large models and digital twin realizes L4/L5 self-

operation, featuring self-configuration, congestion self-optimization and fault self-repair, slashing manual O&M workload by over 60%. Wired fiber Ethernet retains dominant market share (61.3% in 2025), while wireless communication solutions (5G-A, Wi-Fi 7, industrial Bluetooth, LPWAN) deliver the highest segment CAGR above 14%.

Report Scope

This report is a detailed and comprehensive analysis for global Data Communication Solutions market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Data Communication Solutions market size and forecasts, in consumption value (\$ Million), 2021-2032

Global Data Communication Solutions market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Data Communication Solutions market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2021-2032

Global Data Communication Solutions market shares of main players, in revenue (\$ Million), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Data Communication Solutions

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Data Communication Solutions market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Cisco Systems, Huawei Technologies, Hewlett Packard Enterprise, Arista Networks, Nokia, Ericsson, Dell Technologies, NVIDIA, ZTE Corporation, Broadcom, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

Data Communication Solutions market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Hardware

Software

Service

Market segment by Function

Switching Solutions

Routing Solutions

Wireless Networking Solutions

Optical Transport and Interconnection Solutions

Others

Market segment by Data Rate

Below 1 Gbps

1–10 Gbps

10–100 Gbps

100–400 Gbps

400–800 Gbps

Above 800 Gbps

Market segment by Application

Aerospace and Defense

Government

Industrial

Transportation

Energy and Power

Telecom

Market segment by players, this report covers

Cisco Systems

Huawei Technologies

Hewlett Packard Enterprise

Arista Networks

Nokia

Ericsson

Dell Technologies

NVIDIA

ZTE Corporation

Broadcom

Extreme Networks

Fortinet

Ciena

NEC Corporation

Fujitsu

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

Chapter Outline

Chapter 1, to describe Data Communication Solutions product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Data Communication Solutions, with revenue, gross margin, and global market share of Data Communication Solutions from 2021 to 2026.

Chapter 3, the Data Communication Solutions competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2021 to 2032.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2021 to 2026. and Data Communication Solutions market forecast, by regions, by Type and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Data Communication Solutions.

Chapter 13, to describe Data Communication Solutions research findings and conclusion.

Contents

1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Classification of Data Communication Solutions by Type

1.3.1 Overview: Global Data Communication Solutions Market Size by Type: 2021 Versus 2025 Versus 2032

1.3.2 Global Data Communication Solutions Consumption Value Market Share by Type in 2025

1.3.3 Hardware

1.3.4 Software

1.3.5 Service

1.4 Classification of Data Communication Solutions by Function

1.4.1 Overview: Global Data Communication Solutions Market Size by Function: 2021 Versus 2025 Versus 2032

1.4.2 Global Data Communication Solutions Consumption Value Market Share by Function in 2025

1.4.3 Switching Solutions

1.4.4 Routing Solutions

1.4.5 Wireless Networking Solutions

1.4.6 Optical Transport and Interconnection Solutions

1.4.7 Others

1.5 Classification of Data Communication Solutions by Data Rate

1.5.1 Overview: Global Data Communication Solutions Market Size by Data Rate: 2021 Versus 2025 Versus 2032

1.5.2 Global Data Communication Solutions Consumption Value Market Share by Data Rate in 2025

1.5.3 Below 1 Gbps

1.5.4 1–10 Gbps

1.5.5 10–100 Gbps

1.5.6 100–400 Gbps

1.5.7 400–800 Gbps

1.5.8 Above 800 Gbps

1.6 Global Data Communication Solutions Market by Application

1.6.1 Overview: Global Data Communication Solutions Market Size by Application: 2021 Versus 2025 Versus 2032

1.6.2 Aerospace and Defense

- 1.6.3 Government
- 1.6.4 Industrial
- 1.6.5 Transportation
- 1.6.6 Energy and Power
- 1.6.7 Telecom
- 1.7 Global Data Communication Solutions Market Size & Forecast
- 1.8 Global Data Communication Solutions Market Size and Forecast by Region
 - 1.8.1 Global Data Communication Solutions Market Size by Region: 2021 VS 2025 VS 2032
 - 1.8.2 Global Data Communication Solutions Market Size by Region, (2021-2032)
 - 1.8.3 North America Data Communication Solutions Market Size and Prospect (2021-2032)
 - 1.8.4 Europe Data Communication Solutions Market Size and Prospect (2021-2032)
 - 1.8.5 Asia-Pacific Data Communication Solutions Market Size and Prospect (2021-2032)
 - 1.8.6 South America Data Communication Solutions Market Size and Prospect (2021-2032)
 - 1.8.7 Middle East & Africa Data Communication Solutions Market Size and Prospect (2021-2032)

2 COMPANY PROFILES

- 2.1 Cisco Systems
 - 2.1.1 Cisco Systems Details
 - 2.1.2 Cisco Systems Major Business
 - 2.1.3 Cisco Systems Data Communication Solutions Product and Solutions
 - 2.1.4 Cisco Systems Data Communication Solutions Revenue, Gross Margin and Market Share (2021-2026)
 - 2.1.5 Cisco Systems Recent Developments and Future Plans
- 2.2 Huawei Technologies
 - 2.2.1 Huawei Technologies Details
 - 2.2.2 Huawei Technologies Major Business
 - 2.2.3 Huawei Technologies Data Communication Solutions Product and Solutions
 - 2.2.4 Huawei Technologies Data Communication Solutions Revenue, Gross Margin and Market Share (2021-2026)
 - 2.2.5 Huawei Technologies Recent Developments and Future Plans
- 2.3 Hewlett Packard Enterprise
 - 2.3.1 Hewlett Packard Enterprise Details
 - 2.3.2 Hewlett Packard Enterprise Major Business

2.3.3 Hewlett Packard Enterprise Data Communication Solutions Product and Solutions

2.3.4 Hewlett Packard Enterprise Data Communication Solutions Revenue, Gross Margin and Market Share (2021-2026)

2.3.5 Hewlett Packard Enterprise Recent Developments and Future Plans

2.4 Arista Networks

2.4.1 Arista Networks Details

2.4.2 Arista Networks Major Business

2.4.3 Arista Networks Data Communication Solutions Product and Solutions

2.4.4 Arista Networks Data Communication Solutions Revenue, Gross Margin and Market Share (2021-2026)

2.4.5 Arista Networks Recent Developments and Future Plans

2.5 Nokia

2.5.1 Nokia Details

2.5.2 Nokia Major Business

2.5.3 Nokia Data Communication Solutions Product and Solutions

2.5.4 Nokia Data Communication Solutions Revenue, Gross Margin and Market Share (2021-2026)

2.5.5 Nokia Recent Developments and Future Plans

2.6 Ericsson

2.6.1 Ericsson Details

2.6.2 Ericsson Major Business

2.6.3 Ericsson Data Communication Solutions Product and Solutions

2.6.4 Ericsson Data Communication Solutions Revenue, Gross Margin and Market Share (2021-2026)

2.6.5 Ericsson Recent Developments and Future Plans

2.7 Dell Technologies

2.7.1 Dell Technologies Details

2.7.2 Dell Technologies Major Business

2.7.3 Dell Technologies Data Communication Solutions Product and Solutions

2.7.4 Dell Technologies Data Communication Solutions Revenue, Gross Margin and Market Share (2021-2026)

2.7.5 Dell Technologies Recent Developments and Future Plans

2.8 NVIDIA

2.8.1 NVIDIA Details

2.8.2 NVIDIA Major Business

2.8.3 NVIDIA Data Communication Solutions Product and Solutions

2.8.4 NVIDIA Data Communication Solutions Revenue, Gross Margin and Market Share (2021-2026)

2.8.5 NVIDIA Recent Developments and Future Plans

2.9 ZTE Corporation

2.9.1 ZTE Corporation Details

2.9.2 ZTE Corporation Major Business

2.9.3 ZTE Corporation Data Communication Solutions Product and Solutions

2.9.4 ZTE Corporation Data Communication Solutions Revenue, Gross Margin and Market Share (2021-2026)

2.9.5 ZTE Corporation Recent Developments and Future Plans

2.10 Broadcom

2.10.1 Broadcom Details

2.10.2 Broadcom Major Business

2.10.3 Broadcom Data Communication Solutions Product and Solutions

2.10.4 Broadcom Data Communication Solutions Revenue, Gross Margin and Market Share (2021-2026)

2.10.5 Broadcom Recent Developments and Future Plans

2.11 Extreme Networks

2.11.1 Extreme Networks Details

2.11.2 Extreme Networks Major Business

2.11.3 Extreme Networks Data Communication Solutions Product and Solutions

2.11.4 Extreme Networks Data Communication Solutions Revenue, Gross Margin and Market Share (2021-2026)

2.11.5 Extreme Networks Recent Developments and Future Plans

2.12 Fortinet

2.12.1 Fortinet Details

2.12.2 Fortinet Major Business

2.12.3 Fortinet Data Communication Solutions Product and Solutions

2.12.4 Fortinet Data Communication Solutions Revenue, Gross Margin and Market Share (2021-2026)

2.12.5 Fortinet Recent Developments and Future Plans

2.13 Ciena

2.13.1 Ciena Details

2.13.2 Ciena Major Business

2.13.3 Ciena Data Communication Solutions Product and Solutions

2.13.4 Ciena Data Communication Solutions Revenue, Gross Margin and Market Share (2021-2026)

2.13.5 Ciena Recent Developments and Future Plans

2.14 NEC Corporation

2.14.1 NEC Corporation Details

2.14.2 NEC Corporation Major Business

- 2.14.3 NEC Corporation Data Communication Solutions Product and Solutions
- 2.14.4 NEC Corporation Data Communication Solutions Revenue, Gross Margin and Market Share (2021-2026)
- 2.14.5 NEC Corporation Recent Developments and Future Plans
- 2.15 Fujitsu
 - 2.15.1 Fujitsu Details
 - 2.15.2 Fujitsu Major Business
 - 2.15.3 Fujitsu Data Communication Solutions Product and Solutions
 - 2.15.4 Fujitsu Data Communication Solutions Revenue, Gross Margin and Market Share (2021-2026)
 - 2.15.5 Fujitsu Recent Developments and Future Plans

3 MARKET COMPETITION, BY PLAYERS

- 3.1 Global Data Communication Solutions Revenue and Share by Players (2021-2026)
- 3.2 Market Share Analysis (2025)
 - 3.2.1 Market Share of Data Communication Solutions by Company Revenue
 - 3.2.2 Top 3 Data Communication Solutions Players Market Share in 2025
 - 3.2.3 Top 6 Data Communication Solutions Players Market Share in 2025
- 3.3 Data Communication Solutions Market: Overall Company Footprint Analysis
 - 3.3.1 Data Communication Solutions Market: Region Footprint
 - 3.3.2 Data Communication Solutions Market: Company Product Type Footprint
 - 3.3.3 Data Communication Solutions Market: Company Product Application Footprint
- 3.4 New Market Entrants and Barriers to Market Entry
- 3.5 Mergers, Acquisition, Agreements, and Collaborations

4 MARKET SIZE SEGMENT BY TYPE

- 4.1 Global Data Communication Solutions Consumption Value and Market Share by Type (2021-2026)
- 4.2 Global Data Communication Solutions Market Forecast by Type (2027-2032)

5 MARKET SIZE SEGMENT BY APPLICATION

- 5.1 Global Data Communication Solutions Consumption Value Market Share by Application (2021-2026)
- 5.2 Global Data Communication Solutions Market Forecast by Application (2027-2032)

6 NORTH AMERICA

6.1 North America Data Communication Solutions Consumption Value by Type
(2021-2032)

6.2 North America Data Communication Solutions Market Size by Application
(2021-2032)

6.3 North America Data Communication Solutions Market Size by Country

6.3.1 North America Data Communication Solutions Consumption Value by Country
(2021-2032)

6.3.2 United States Data Communication Solutions Market Size and Forecast
(2021-2032)

6.3.3 Canada Data Communication Solutions Market Size and Forecast (2021-2032)

6.3.4 Mexico Data Communication Solutions Market Size and Forecast (2021-2032)

7 EUROPE

7.1 Europe Data Communication Solutions Consumption Value by Type (2021-2032)

7.2 Europe Data Communication Solutions Consumption Value by Application
(2021-2032)

7.3 Europe Data Communication Solutions Market Size by Country

7.3.1 Europe Data Communication Solutions Consumption Value by Country
(2021-2032)

7.3.2 Germany Data Communication Solutions Market Size and Forecast (2021-2032)

7.3.3 France Data Communication Solutions Market Size and Forecast (2021-2032)

7.3.4 United Kingdom Data Communication Solutions Market Size and Forecast
(2021-2032)

7.3.5 Russia Data Communication Solutions Market Size and Forecast (2021-2032)

7.3.6 Italy Data Communication Solutions Market Size and Forecast (2021-2032)

8 ASIA-PACIFIC

8.1 Asia-Pacific Data Communication Solutions Consumption Value by Type
(2021-2032)

8.2 Asia-Pacific Data Communication Solutions Consumption Value by Application
(2021-2032)

8.3 Asia-Pacific Data Communication Solutions Market Size by Region

8.3.1 Asia-Pacific Data Communication Solutions Consumption Value by Region
(2021-2032)

8.3.2 China Data Communication Solutions Market Size and Forecast (2021-2032)

8.3.3 Japan Data Communication Solutions Market Size and Forecast (2021-2032)

8.3.4 South Korea Data Communication Solutions Market Size and Forecast
(2021-2032)

8.3.5 India Data Communication Solutions Market Size and Forecast (2021-2032)

8.3.6 Southeast Asia Data Communication Solutions Market Size and Forecast
(2021-2032)

8.3.7 Australia Data Communication Solutions Market Size and Forecast (2021-2032)

9 SOUTH AMERICA

9.1 South America Data Communication Solutions Consumption Value by Type
(2021-2032)

9.2 South America Data Communication Solutions Consumption Value by Application
(2021-2032)

9.3 South America Data Communication Solutions Market Size by Country

9.3.1 South America Data Communication Solutions Consumption Value by Country
(2021-2032)

9.3.2 Brazil Data Communication Solutions Market Size and Forecast (2021-2032)

9.3.3 Argentina Data Communication Solutions Market Size and Forecast (2021-2032)

10 MIDDLE EAST & AFRICA

10.1 Middle East & Africa Data Communication Solutions Consumption Value by Type
(2021-2032)

10.2 Middle East & Africa Data Communication Solutions Consumption Value by
Application (2021-2032)

10.3 Middle East & Africa Data Communication Solutions Market Size by Country

10.3.1 Middle East & Africa Data Communication Solutions Consumption Value by
Country (2021-2032)

10.3.2 Turkey Data Communication Solutions Market Size and Forecast (2021-2032)

10.3.3 Saudi Arabia Data Communication Solutions Market Size and Forecast
(2021-2032)

10.3.4 UAE Data Communication Solutions Market Size and Forecast (2021-2032)

11 MARKET DYNAMICS

11.1 Data Communication Solutions Market Drivers

11.2 Data Communication Solutions Market Restraints

11.3 Data Communication Solutions Trends Analysis

11.4 Porters Five Forces Analysis

- 11.4.1 Threat of New Entrants
- 11.4.2 Bargaining Power of Suppliers
- 11.4.3 Bargaining Power of Buyers
- 11.4.4 Threat of Substitutes
- 11.4.5 Competitive Rivalry

12 INDUSTRY CHAIN ANALYSIS

- 12.1 Data Communication Solutions Industry Chain
- 12.2 Data Communication Solutions Upstream Analysis
- 12.3 Data Communication Solutions Midstream Analysis
- 12.4 Data Communication Solutions Downstream Analysis

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

- 14.1 Methodology
- 14.2 Research Process and Data Source
- 14.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global Data Communication Solutions Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Data Communication Solutions Consumption Value by Function, (USD Million), 2021 & 2025 & 2032

Table 3. Global Data Communication Solutions Consumption Value by Data Rate, (USD Million), 2021 & 2025 & 2032

Table 4. Global Data Communication Solutions Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. Global Data Communication Solutions Consumption Value by Region (2021-2026) & (USD Million)

Table 6. Global Data Communication Solutions Consumption Value by Region (2027-2032) & (USD Million)

Table 7. Cisco Systems Company Information, Head Office, and Major Competitors

Table 8. Cisco Systems Major Business

Table 9. Cisco Systems Data Communication Solutions Product and Solutions

Table 10. Cisco Systems Data Communication Solutions Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 11. Cisco Systems Recent Developments and Future Plans

Table 12. Huawei Technologies Company Information, Head Office, and Major Competitors

Table 13. Huawei Technologies Major Business

Table 14. Huawei Technologies Data Communication Solutions Product and Solutions

Table 15. Huawei Technologies Data Communication Solutions Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 16. Huawei Technologies Recent Developments and Future Plans

Table 17. Hewlett Packard Enterprise Company Information, Head Office, and Major Competitors

Table 18. Hewlett Packard Enterprise Major Business

Table 19. Hewlett Packard Enterprise Data Communication Solutions Product and Solutions

Table 20. Hewlett Packard Enterprise Data Communication Solutions Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 21. Arista Networks Company Information, Head Office, and Major Competitors

Table 22. Arista Networks Major Business

Table 23. Arista Networks Data Communication Solutions Product and Solutions

Table 24. Arista Networks Data Communication Solutions Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 25. Arista Networks Recent Developments and Future Plans

Table 26. Nokia Company Information, Head Office, and Major Competitors

Table 27. Nokia Major Business

Table 28. Nokia Data Communication Solutions Product and Solutions

Table 29. Nokia Data Communication Solutions Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 30. Nokia Recent Developments and Future Plans

Table 31. Ericsson Company Information, Head Office, and Major Competitors

Table 32. Ericsson Major Business

Table 33. Ericsson Data Communication Solutions Product and Solutions

Table 34. Ericsson Data Communication Solutions Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 35. Ericsson Recent Developments and Future Plans

Table 36. Dell Technologies Company Information, Head Office, and Major Competitors

Table 37. Dell Technologies Major Business

Table 38. Dell Technologies Data Communication Solutions Product and Solutions

Table 39. Dell Technologies Data Communication Solutions Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 40. Dell Technologies Recent Developments and Future Plans

Table 41. NVIDIA Company Information, Head Office, and Major Competitors

Table 42. NVIDIA Major Business

Table 43. NVIDIA Data Communication Solutions Product and Solutions

Table 44. NVIDIA Data Communication Solutions Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 45. NVIDIA Recent Developments and Future Plans

Table 46. ZTE Corporation Company Information, Head Office, and Major Competitors

Table 47. ZTE Corporation Major Business

Table 48. ZTE Corporation Data Communication Solutions Product and Solutions

Table 49. ZTE Corporation Data Communication Solutions Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 50. ZTE Corporation Recent Developments and Future Plans

Table 51. Broadcom Company Information, Head Office, and Major Competitors

Table 52. Broadcom Major Business

Table 53. Broadcom Data Communication Solutions Product and Solutions

Table 54. Broadcom Data Communication Solutions Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 55. Broadcom Recent Developments and Future Plans

Table 56. Extreme Networks Company Information, Head Office, and Major Competitors
Table 57. Extreme Networks Major Business
Table 58. Extreme Networks Data Communication Solutions Product and Solutions
Table 59. Extreme Networks Data Communication Solutions Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 60. Extreme Networks Recent Developments and Future Plans
Table 61. Fortinet Company Information, Head Office, and Major Competitors
Table 62. Fortinet Major Business
Table 63. Fortinet Data Communication Solutions Product and Solutions
Table 64. Fortinet Data Communication Solutions Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 65. Fortinet Recent Developments and Future Plans
Table 66. Ciena Company Information, Head Office, and Major Competitors
Table 67. Ciena Major Business
Table 68. Ciena Data Communication Solutions Product and Solutions
Table 69. Ciena Data Communication Solutions Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 70. Ciena Recent Developments and Future Plans
Table 71. NEC Corporation Company Information, Head Office, and Major Competitors
Table 72. NEC Corporation Major Business
Table 73. NEC Corporation Data Communication Solutions Product and Solutions
Table 74. NEC Corporation Data Communication Solutions Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 75. NEC Corporation Recent Developments and Future Plans
Table 76. Fujitsu Company Information, Head Office, and Major Competitors
Table 77. Fujitsu Major Business
Table 78. Fujitsu Data Communication Solutions Product and Solutions
Table 79. Fujitsu Data Communication Solutions Revenue (USD Million), Gross Margin and Market Share (2021-2026)
Table 80. Fujitsu Recent Developments and Future Plans
Table 81. Global Data Communication Solutions Revenue (USD Million) by Players (2021-2026)
Table 82. Global Data Communication Solutions Revenue Share by Players (2021-2026)
Table 83. Breakdown of Data Communication Solutions by Company Type (Tier 1, Tier 2, and Tier 3)
Table 84. Market Position of Players in Data Communication Solutions, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025
Table 85. Head Office of Key Data Communication Solutions Players

Table 86. Data Communication Solutions Market: Company Product Type Footprint

Table 87. Data Communication Solutions Market: Company Product Application Footprint

Table 88. Data Communication Solutions New Market Entrants and Barriers to Market Entry

Table 89. Data Communication Solutions Mergers, Acquisition, Agreements, and Collaborations

Table 90. Global Data Communication Solutions Consumption Value (USD Million) by Type (2021-2026)

Table 91. Global Data Communication Solutions Consumption Value Share by Type (2021-2026)

Table 92. Global Data Communication Solutions Consumption Value Forecast by Type (2027-2032)

Table 93. Global Data Communication Solutions Consumption Value by Application (2021-2026)

Table 94. Global Data Communication Solutions Consumption Value Forecast by Application (2027-2032)

Table 95. North America Data Communication Solutions Consumption Value by Type (2021-2026) & (USD Million)

Table 96. North America Data Communication Solutions Consumption Value by Type (2027-2032) & (USD Million)

Table 97. North America Data Communication Solutions Consumption Value by Application (2021-2026) & (USD Million)

Table 98. North America Data Communication Solutions Consumption Value by Application (2027-2032) & (USD Million)

Table 99. North America Data Communication Solutions Consumption Value by Country (2021-2026) & (USD Million)

Table 100. North America Data Communication Solutions Consumption Value by Country (2027-2032) & (USD Million)

Table 101. Europe Data Communication Solutions Consumption Value by Type (2021-2026) & (USD Million)

Table 102. Europe Data Communication Solutions Consumption Value by Type (2027-2032) & (USD Million)

Table 103. Europe Data Communication Solutions Consumption Value by Application (2021-2026) & (USD Million)

Table 104. Europe Data Communication Solutions Consumption Value by Application (2027-2032) & (USD Million)

Table 105. Europe Data Communication Solutions Consumption Value by Country (2021-2026) & (USD Million)

Table 106. Europe Data Communication Solutions Consumption Value by Country (2027-2032) & (USD Million)

Table 107. Asia-Pacific Data Communication Solutions Consumption Value by Type (2021-2026) & (USD Million)

Table 108. Asia-Pacific Data Communication Solutions Consumption Value by Type (2027-2032) & (USD Million)

Table 109. Asia-Pacific Data Communication Solutions Consumption Value by Application (2021-2026) & (USD Million)

Table 110. Asia-Pacific Data Communication Solutions Consumption Value by Application (2027-2032) & (USD Million)

Table 111. Asia-Pacific Data Communication Solutions Consumption Value by Region (2021-2026) & (USD Million)

Table 112. Asia-Pacific Data Communication Solutions Consumption Value by Region (2027-2032) & (USD Million)

Table 113. South America Data Communication Solutions Consumption Value by Type (2021-2026) & (USD Million)

Table 114. South America Data Communication Solutions Consumption Value by Type (2027-2032) & (USD Million)

Table 115. South America Data Communication Solutions Consumption Value by Application (2021-2026) & (USD Million)

Table 116. South America Data Communication Solutions Consumption Value by Application (2027-2032) & (USD Million)

Table 117. South America Data Communication Solutions Consumption Value by Country (2021-2026) & (USD Million)

Table 118. South America Data Communication Solutions Consumption Value by Country (2027-2032) & (USD Million)

Table 119. Middle East & Africa Data Communication Solutions Consumption Value by Type (2021-2026) & (USD Million)

Table 120. Middle East & Africa Data Communication Solutions Consumption Value by Type (2027-2032) & (USD Million)

Table 121. Middle East & Africa Data Communication Solutions Consumption Value by Application (2021-2026) & (USD Million)

Table 122. Middle East & Africa Data Communication Solutions Consumption Value by Application (2027-2032) & (USD Million)

Table 123. Middle East & Africa Data Communication Solutions Consumption Value by Country (2021-2026) & (USD Million)

Table 124. Middle East & Africa Data Communication Solutions Consumption Value by Country (2027-2032) & (USD Million)

Table 125. Global Key Players of Data Communication Solutions Upstream (Raw

Materials)

Table 126. Global Data Communication Solutions Typical Customers

List Of Figures

LIST OF FIGURES

Figure 1. Data Communication Solutions Picture

Figure 2. Global Data Communication Solutions Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Data Communication Solutions Consumption Value Market Share by Type in 2025

Figure 4. Hardware

Figure 5. Software

Figure 6. Service

Figure 7. Global Data Communication Solutions Consumption Value by Function, (USD Million), 2021 & 2025 & 2032

Figure 8. Global Data Communication Solutions Consumption Value Market Share by Function in 2025

Figure 9. Switching Solutions

Figure 10. Routing Solutions

Figure 11. Wireless Networking Solutions

Figure 12. Optical Transport and Interconnection Solutions

Figure 13. Others

Figure 14. Global Data Communication Solutions Consumption Value by Data Rate, (USD Million), 2021 & 2025 & 2032

Figure 15. Global Data Communication Solutions Consumption Value Market Share by Data Rate in 2025

Figure 16. Below 1 Gbps

Figure 17. 1–10 Gbps

Figure 18. 10–100 Gbps

Figure 19. 100–400 Gbps

Figure 20. 400–800 Gbps

Figure 21. Above 800 Gbps

Figure 22. Global Data Communication Solutions Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 23. Data Communication Solutions Consumption Value Market Share by Application in 2025

Figure 24. Aerospace and Defense Picture

Figure 25. Government Picture

Figure 26. Industrial Picture

Figure 27. Transportation Picture

Figure 28. Energy and Power Picture

Figure 29. Telecom Picture

Figure 30. Global Data Communication Solutions Consumption Value, (USD Million):
2021 & 2025 & 2032

Figure 31. Global Data Communication Solutions Consumption Value and Forecast
(2021-2032) & (USD Million)

Figure 32. Global Market Data Communication Solutions Consumption Value (USD
Million) Comparison by Region (2021 VS 2025 VS 2032)

Figure 33. Global Data Communication Solutions Consumption Value Market Share by
Region (2021-2032)

Figure 34. Global Data Communication Solutions Consumption Value Market Share by
Region in 2025

Figure 35. North America Data Communication Solutions Consumption Value
(2021-2032) & (USD Million)

Figure 36. Europe Data Communication Solutions Consumption Value (2021-2032) &
(USD Million)

Figure 37. Asia-Pacific Data Communication Solutions Consumption Value (2021-2032)
& (USD Million)

Figure 38. South America Data Communication Solutions Consumption Value
(2021-2032) & (USD Million)

Figure 39. Middle East & Africa Data Communication Solutions Consumption Value
(2021-2032) & (USD Million)

Figure 40. Company Three Recent Developments and Future Plans

Figure 41. Global Data Communication Solutions Revenue Share by Players in 2025

Figure 42. Data Communication Solutions Market Share by Company Type (Tier 1, Tier
2, and Tier 3) in 2025

Figure 43. Market Share of Data Communication Solutions by Player Revenue in 2025

Figure 44. Top 3 Data Communication Solutions Players Market Share in 2025

Figure 45. Top 6 Data Communication Solutions Players Market Share in 2025

Figure 46. Global Data Communication Solutions Consumption Value Share by Type
(2021-2026)

Figure 47. Global Data Communication Solutions Market Share Forecast by Type
(2027-2032)

Figure 48. Global Data Communication Solutions Consumption Value Share by
Application (2021-2026)

Figure 49. Global Data Communication Solutions Market Share Forecast by Application
(2027-2032)

Figure 50. North America Data Communication Solutions Consumption Value Market
Share by Type (2021-2032)

Figure 51. North America Data Communication Solutions Consumption Value Market Share by Application (2021-2032)

Figure 52. North America Data Communication Solutions Consumption Value Market Share by Country (2021-2032)

Figure 53. United States Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 54. Canada Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 55. Mexico Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 56. Europe Data Communication Solutions Consumption Value Market Share by Type (2021-2032)

Figure 57. Europe Data Communication Solutions Consumption Value Market Share by Application (2021-2032)

Figure 58. Europe Data Communication Solutions Consumption Value Market Share by Country (2021-2032)

Figure 59. Germany Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 60. France Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 61. United Kingdom Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 62. Russia Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 63. Italy Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 64. Asia-Pacific Data Communication Solutions Consumption Value Market Share by Type (2021-2032)

Figure 65. Asia-Pacific Data Communication Solutions Consumption Value Market Share by Application (2021-2032)

Figure 66. Asia-Pacific Data Communication Solutions Consumption Value Market Share by Region (2021-2032)

Figure 67. China Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 68. Japan Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 69. South Korea Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 70. India Data Communication Solutions Consumption Value (2021-2032) &

(USD Million)

Figure 71. Southeast Asia Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 72. Australia Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 73. South America Data Communication Solutions Consumption Value Market Share by Type (2021-2032)

Figure 74. South America Data Communication Solutions Consumption Value Market Share by Application (2021-2032)

Figure 75. South America Data Communication Solutions Consumption Value Market Share by Country (2021-2032)

Figure 76. Brazil Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 77. Argentina Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 78. Middle East & Africa Data Communication Solutions Consumption Value Market Share by Type (2021-2032)

Figure 79. Middle East & Africa Data Communication Solutions Consumption Value Market Share by Application (2021-2032)

Figure 80. Middle East & Africa Data Communication Solutions Consumption Value Market Share by Country (2021-2032)

Figure 81. Turkey Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 82. Saudi Arabia Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 83. UAE Data Communication Solutions Consumption Value (2021-2032) & (USD Million)

Figure 84. Data Communication Solutions Market Drivers

Figure 85. Data Communication Solutions Market Restraints

Figure 86. Data Communication Solutions Market Trends

Figure 87. Porters Five Forces Analysis

Figure 88. Data Communication Solutions Industrial Chain

Figure 89. Methodology

Figure 90. Research Process and Data Source

I would like to order

Product name: Global Data Communication Solutions Market 2026 by Company, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/G83E9422A819EN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G83E9422A819EN.html>