

Structured Cabling Market Size, Share & Trends Analysis Report By Product Type (Copper Cables, Fiber Optic Cables), By Application (LAN, Data Center), By Vertical, By Region, And Segment Forecasts, 2022 - 2030

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Abstracts

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Structured Cabling Market Growth & Trends

The global structured cabling market size is expected to reach USD 23.2 billion by 2030, according to a study conducted by Grand View Research, Inc. It is expected to expand at a CAGR of 10.5% from 2022 to 2030. The need for advanced technologies has increased the generation of vast amounts of IoT data, which often causes delays and latency. Structured cabling systems help enhance data transfer speed, which further aids in avoiding delays.

The presence of a high connectivity network in regions such as North America has facilitated the widespread adoption of structured cabling systems. Thus, the North American market is expected to witness substantial growth over the forecast period. Additionally, an expanding communication network architecture and a rise in demand for data centers have increased the demand for structured cabling systems.

Asia Pacific is projected to register the fastest growth rate over the forecast period. The regional market is predicted to grow as a result of key factors such as government measures to promote digitalization, upgraded facilities, population increase, faster adoption of smart devices, and investments in cloud and IoT technologies.

Structured cabling systems are used across various verticals such as government, industrial, IT and telecommunications, residential, and commercial. The IT and telecommunication segment is expected to exhibit the highest CAGR over the forecast period owing to data center convergence in technologies supporting data and voice services. An increase in the usage of mobile Internet with high-speed connectivity is expected to bolster the market growth. Building smart cities and residences will also play a significant role in expanding the worldwide market potential.

To expand their product portfolio and maintain a strong position in the market, players have used tactics such as expansions, agreements, partnerships, and joint ventures and are engaging in the creation of new products with high speed and better features. Companies have also received official authorization for the launch of devices that provide high speed and security.

Structured Cabling Market Report Highlights

By product type, the fiber optic cables segment is estimated to grow over the forecast period owing to the increasing importance of cloud computing and high bandwidth applications

On the basis of application, the data center segment is expected to register a significant CAGR of 11.0% over the forecast period owing to the increasing demand for smart devices and the rising usage of mobile data

Based on vertical, the IT and telecommunication segment dominated the market in 2021 and this trend is expected to continue over the forecast period

Due to the increasing development and usage of automation techniques across industries, the industrial vertical segment is likely to grow rapidly in the forecast period

The North American region led the market in 2021 and the trend is expected to continue over the coming years owing to a rise in demand for data centers and the growth of communication network infrastructure

Contents

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Information Procurement and Research Scope
- 1.2 Information Analysis
- 1.3 Market Formulation & Data Visualization
- 1.4 Research Scope and Assumptions
- 1.5 List of Sources
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Market Insights
- 2.2 Market Outlook
- 2.3 Global Structured Cabling Market
 - 2.3.1 Global Structured Cabling Market, 2017 - 2030 (USD Million)
 - 2.3.2 Global Structured Cabling Market, By Region, 2017 - 2030 (USD Million)
 - 2.3.3 Global Structured Cabling Market, By Product Type, 2017 - 2030 (USD Million)
 - 2.3.4 Global Structured Cabling Market, By Application, 2017 - 2030 (USD Million)
 - 2.3.5 Global Structured Cabling Market, By Vertical, 2017 - 2030 (USD Million)

CHAPTER 3 INDUSTRY OUTLOOK

- 3.1 Market Segmentation & Scope
- 3.2 Market Size and Growth Prospects
- 3.3 Value Chain Analysis
- 3.4 Market Dynamics
 - 3.4.1 Market Drivers
 - 3.4.1.1 Higher speed and lower latency
 - 3.4.1.2 Greater reliability and lower security threats
 - 3.4.2 Market Restraint
 - 3.4.2.1 High installation cost and limited physical availability for devices
- 3.5 Penetration and Key Opportunities Mapping
- 3.6 Industry Analysis - Porter's
 - 3.6.1 Supplier Power: Low
 - 3.6.2 Buyer Power: Moderate
 - 3.6.3 Substitution Threat: High

- 3.6.4 Threat From New Entrant: Low
- 3.6.5 Competitive Rivalry: High
- 3.7 PEST Analysis
 - 3.7.1 Political
 - 3.7.2 Economic
 - 3.7.3 Social
 - 3.7.4 Technological
- 3.8 COVID - 19 Impact

CHAPTER 4 STRUCTURED CABLING: PRODUCT TYPE OUTLOOK

- 4.1 Structured Cabling Market Share By Product Type, 2021 & 2030
- 4.2 Copper Cables
 - 4.2.1 Copper Cables Structured Cabling Market, By Region, 2017 - 2030
- 4.3 Fiber Optic Cables
 - 4.3.1 Fiber Optic Cables Structured Cabling Market, By Region, 2017 - 2030
- 4.4 Others
 - 4.4.1 Others Structured Cabling Market, By Region, 2017 - 2030

CHAPTER 5 STRUCTURED CABLING: APPLICATION OUTLOOK

- 5.1 Structured Cabling Market Share By Application, 2021 & 2030
- 5.2 LAN
 - 5.2.1 Lan Structured Cabling Market, By Region, 2017 - 2030
- 5.3 Data Center
 - 5.3.1 Data Center Structured Cabling Market, By Region, 2017 - 2030

CHAPTER 6 STRUCTURED CABLING: VERTICAL OUTLOOK

- 6.1 Structured Cabling Market Share By Vertical, 2021 & 2030
- 6.2 Government
 - 6.2.1 Government Structured Cabling Market, By Region, 2017 - 2030
- 6.3 Industrial
 - 6.3.1 Industrial Structured Cabling Market, By Region, 2017 - 2030
- 6.4 IT & Telecommunication
 - 6.4.1 IT & Telecommunication Structured Cabling Market, By Region, 2017 - 2030
- 6.5 Residential & Commercial
 - 6.5.1 Residential & Commercial Structured Cabling Market, By Region, 2017 - 2030
- 6.6 Others

6.6.1 Others Structured Cabling Market, By Region, 2017 - 2030

CHAPTER 7 STRUCTURED CABLING: REGIONAL OUTLOOK

7.1 North America

7.1.1 North America Structured Cabling Market, By Product Type, 2017 - 2030

7.1.2 North America Structured Cabling Market, By Application, 2017 - 2030

7.1.3 North America Structured Cabling Market, By Vertical, 2017 - 2030

7.1.4 U.S.

7.1.4.1 U.S. Structured Cabling Market, By Product Type, 2017 - 2030

7.1.4.2 U.S. Structured Cabling Market, By Application, 2017 - 2030

7.1.4.3 U.S. Structured Cabling Market, By Vertical, 2017 - 2030

7.1.5 Canada

7.1.5.1 Canada Structured Cabling Market, By Product Type, 2017 - 2030

7.1.5.2 Canada Structured Cabling Market, By Application, 2017 - 2030

7.1.5.3 Canada Structured Cabling Market, By Vertical, 2017 - 2030

7.2 Europe

7.2.1 Europe Structured Cabling Market, By Product Type, 2017 - 2030

7.2.2 Europe Structured Cabling Market, By Application, 2017 - 2030

7.2.3 Europe Structured Cabling Market, By Vertical, 2017 - 2030

7.2.4 U.K.

7.2.4.1 U.K. Structured Cabling Market, By Product Type, 2017 - 2030

7.2.4.2 U.K. Structured Cabling Market, By Application, 2017 - 2030

7.2.4.3 U.K. Structured Cabling Market, By Vertical, 2017 - 2030

7.2.5 Germany

7.2.5.1 Germany Structured Cabling Market, By Product Type, 2017 - 2030

7.2.5.2 Germany Structured Cabling Market, By Application, 2017 - 2030

7.2.5.3 Germany Structured Cabling Market, By Vertical, 2017 - 2030

7.3 Asia Pacific

7.3.1 Asia Pacific Structured Cabling Market, By Product Type, 2017 - 2030

7.3.2 Asia Pacific Structured Cabling Market, By Application, 2017 - 2030

7.3.3 Asia Pacific Structured Cabling Market, By Vertical, 2017 - 2030

7.3.4 China

7.3.4.1 China Structured Cabling Market, By Product Type, 2017 - 2030

7.3.4.2 China Structured Cabling Market, By Application, 2017 - 2030

7.3.4.3 China Structured Cabling Market, By Vertical, 2017 - 2030

7.3.5 Japan

7.3.5.1 Japan Structured Cabling Market, By Product Type, 2017 - 2030

7.3.5.2 Japan Structured Cabling Market, By Application, 2017 - 2030

7.3.5.3 Japan Structured Cabling Market, By Vertical, 2017 - 2030

7.4 Latin America

7.4.1 Latin America Structured Cabling Market, By Product Type, 2017 - 2030

7.4.2 Latin America Structured Cabling Market, By Application, 2017 - 2030

7.4.3 Latin America Structured Cabling Market, By Vertical, 2017 - 2030

7.4.4 Mexico

7.4.4.1 Mexico Structured Cabling Market, By Product Type, 2017 - 2030

7.4.4.2 Mexico Structured Cabling Market, By Application, 2017 - 2030

7.4.4.3 Mexico Structured Cabling Market, By Vertical, 2017 - 2030

7.4.5 Brazil

7.4.5.1 Brazil Structured Cabling Market, By Product Type, 2017 - 2030

7.4.5.2 Brazil Structured Cabling Market, By Application, 2017 - 2030

7.4.5.3 Brazil Structured Cabling Market, By Vertical, 2017 - 2030

7.5 Middle East & Africa (MEA)

7.5.1 Mea Structured Cabling Market, By Product Type, 2017 - 2030

7.5.2 Mea Structured Cabling Market, By Application, 2017 - 2030

7.5.3 Mea Structured Cabling Market, By Vertical, 2017 - 2030

CHAPTER 8 COMPETITIVE LANDSCAPE

8.1 Anixter Inc (WESCO International, Inc)

8.1.1 Company Overview

8.1.2 Financial Performance

8.1.3 Product Benchmarking

8.1.4 Recent Developments

8.2 Belden Inc.

8.2.1 Company Overview

8.2.2 Manufacturing Location(S)

8.2.3 Financial Performance

8.2.4 Product Benchmarking

8.2.5 Recent Developments

8.3 CommScope Holding Company, Inc.

8.3.1 Company Overview

8.3.2 Manufacturing Location(S)

8.3.3 Financial Performance

8.3.4 Product Benchmarking

8.3.5 Recent Developments

8.4 Corning Incorporated

8.4.1 Company Overview

- 8.4.2 Manufacturing Location(S)
- 8.4.3 Financial Performance
- 8.4.4 Product Benchmarking
- 8.4.5 Recent Developments
- 8.5 Furukawa Electric Co., Ltd.
 - 8.5.1 Company Overview
 - 8.5.2 Manufacturing Location(S)
 - 8.5.3 Financial Performance
 - 8.5.4 Product Benchmarking
 - 8.5.5 Recent Developments
- 8.6 General Cable Technologies Corporation (A Brand of Prysmian Group)
 - 8.6.1 Company Overview
 - 8.6.2 Financial Performance
 - 8.6.3 Product Benchmarking
 - 8.6.4 Recent Developments
- 8.7 Legrand
 - 8.7.1 Company Overview
 - 8.7.2 Manufacturing Location
 - 8.7.3 Financial Performance
 - 8.7.4 Product Benchmarking
 - 8.7.5 Recent Developments
- 8.8 Nexans
 - 8.8.1 Company Overview
 - 8.8.2 Financial Performance
 - 8.8.3 Product Benchmarking
 - 8.8.4 Recent Developments
- 8.9 Schneider Electric
 - 8.9.1 Company Overview
 - 8.9.2 Financial Performance
 - 8.9.3 Product Benchmarking
 - 8.9.4 Recent Developments
- 8.10 Siemon
 - 8.10.1 Company Overview
 - 8.10.2 Manufacturing Location(S)
 - 8.10.3 Product Benchmarking
 - 8.10.4 Recent Developments

List Of Tables

LIST OF TABLES

Table 1 Industry snapshot & key buying criteria, 2017 - 2030

Table 2 Global Structured Cabling market, 2017 - 2030 (USD Million)

Table 3 Global structured cabling market, by region, 2017 - 2030 (USD Million)

Table 4 Global structured cabling market, by product type, 2017 - 2030 (USD Million)

Table 5 Global structured cabling market, by application, 2017 - 2030 (USD Million)

Table 6 Global structured cabling market, by vertical, 2017 - 2030 (USD Million)

Table 7 Key market driver impact

Table 8 Key market restraint impact

Table 9 Copper cables structured cabling market, by region, 2017 - 2030 (USD Million)

Table 10 Fiber optic cables structured cabling market, by region, 2017 - 2030 (USD Million)

Table 11 Others structured cabling market, by region, 2017 - 2030 (USD Million)

Table 12 LAN structured cabling market, by region, 2017 - 2030 (USD Million)

Table 13 Data center structured cabling market, by region, 2017 - 2030 (USD Million)

Table 14 Government structured cabling market, by region, 2017 - 2030 (USD Million)

Table 15 Industrial structured cabling market, by region, 2017 - 2030 (USD Million)

Table 16 IT & telecommunication structured cabling market, by region, 2017 - 2030 (USD Million)

Table 17 Residential & commercial structured cabling market, by region, 2017 - 2030 (USD Million)

Table 18 Others structured cabling market, by region, 2017 - 2030 (USD Million)

Table 19 North America structured cabling market, by product type, 2017 - 2030 (USD Million)

Table 20 North America structured cabling market, by application, 2017 - 2030 (USD Million)

Table 21 North America structured cabling market, by vertical, 2017 - 2030 (USD Million)

Table 22 U.S. structured cabling market, by product type, 2017 - 2030 (USD Million)

Table 23 U.S. structured cabling market, by application, 2017 - 2030 (USD Million)

Table 24 U.S. structured cabling market, by vertical, 2017 - 2030 (USD Million)

Table 25 Canada structured cabling market, by product type, 2017 - 2030 (USD Million)

Table 26 Canada structured cabling market, by application, 2017 - 2030 (USD Million)

Table 27 Canada structured cabling market, by vertical, 2017 - 2030 (USD Million)

Table 28 Europe structured cabling market, by product type, 2017 - 2030 (USD Million)

Table 29 Europe structured cabling market, by application, 2017 - 2030 (USD Million)

- Table 30 Europe structured cabling market, by vertical, 2017 - 2030 (USD Million)
- Table 31 U.K. structured cabling market, by product type, 2017 - 2030 (USD Million)
- Table 32 U.K. structured cabling market, by application, 2017 - 2030 (USD Million)
- Table 33 U.K. structured cabling market, by vertical, 2017 - 2030 (USD Million)
- Table 34 Germany structured cabling market, by product type, 2017 - 2030 (USD Million)
- Table 35 Germany structured cabling market, by application, 2017 - 2030 (USD Million)
- Table 36 Germany structured cabling market, by vertical, 2017 - 2030 (USD Million)
- Table 37 Asia Pacific structured cabling market, by product type, 2017 - 2030 (USD Million)
- Table 38 Asia Pacific structured cabling market, by application, 2017 - 2030 (USD Million)
- Table 39 Asia Pacific structured cabling market, by vertical, 2017 - 2030 (USD Million)
- Table 40 China structured cabling market, by product type, 2017 - 2030 (USD Million)
- Table 41 China structured cabling market, by application, 2017 - 2030 (USD Million)
- Table 42 China structured cabling market, by vertical, 2017 - 2030 (USD Million)
- Table 43 Japan structured cabling market, by product type, 2017 - 2030 (USD Million)
- Table 44 Japan structured cabling market, by application, 2017 - 2030 (USD Million)
- Table 45 Japan structured cabling market, by vertical, 2017 - 2030 (USD Million)
- Table 46 Latin America structured cabling market, by product type, 2017 - 2030 (USD Million)
- Table 47 Latin America structured cabling market, by application, 2017 - 2030 (USD Million)
- Table 48 Latin America structured cabling market, by vertical, 2017 - 2030 (USD Million)
- Table 49 Mexico structured cabling market, by product type, 2017 - 2030 (USD Million)
- Table 50 Mexico structured cabling market, by application, 2017 - 2030 (USD Million)
- Table 51 Mexico structured cabling market, by vertical, 2017 - 2030 (USD Million)
- Table 52 Brazil structured cabling market, by product type, 2017 - 2030 (USD Million)
- Table 53 Brazil structured cabling market, by application, 2017 - 2030 (USD Million)
- Table 54 Brazil structured cabling market, by vertical, 2017 - 2030 (USD Million)
- Table 55 MEA structured cabling market, by product type, 2017 - 2030 (USD Million)
- Table 56 MEA structured cabling market, by application, 2017 - 2030 (USD Million)
- Table 57 MEA structured cabling market, by vertical, 2017 - 2030 (USD Million)

List Of Figures

LIST OF FIGURES

- Fig. 1 Research process
- Fig. 2 Market formulation
- Fig. 3 Structured cabling market segmentation
- Fig. 4 Market Size (USD Million), 2017 - 2030
- Fig. 5 Value chain analysis
- Fig. 6 Market dynamics
- Fig. 7 Penetration and key opportunities mapping, 2030
- Fig. 8 Structured cabling market share by product type, 2021 & 2030
- Fig. 9 Structured cabling market share by application, 2021 & 2030
- Fig. 10 Structured cabling market share by vertical, 2021 & 2030
- Fig. 11 Regional marketplace: Key takeaways
- Fig. 12 North America structured cabling market - Key takeaways
- Fig. 13 Europe structured cabling market - Key takeaways
- Fig. 14 Asia Pacific structured cabling market - Key takeaways
- Fig. 15 Latin America structured cabling market - Key takeaways
- Fig. 16 Middle East & Africa (MEA) structured cabling market - Key takeaways

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