

Global Structured Cabling Market: Market Segments: By Solution Type (Products, Services and Software); By Application (LAN, Data Center); By End Use (Telecommunication, Commercial, Government, Industrial); and Region – Analysis of Market Size, Share & Trends for 2014 – 2019 and Forecasts to 2030

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Abstracts

Product Overview

Structured cabling systems contain a series of cables and hardware that make up the management systems' telecommunications infrastructure in businesses. The telecommunications system helps to transmit audio, video, and data signals through a communication network from one point to another. A structured cabling system is characterized as the combination of cables and related hardware used to provide different management systems with comprehensive telecommunication infrastructure, this telecommunication infrastructure allows data, voice & video signal to be transmitted from one point to another or from one system to another via a communication network. For the establishment of a well-organized network connection, different types of cables & connecting devices for the connections, services & software for installation, maintenance monitoring & designing are required at multiple connectivity points that create transmission.

Market Highlights

Global Structured Cabling Market to surpass USD XXXX million by 2030 from USD XXXX million in 2018 at a CAGR of XX% throughout the forecast period, i.e. 2019-30. The growth in the number of internet users and the rapid adoption of digital services has resulted in an exponential increase in the number of organizations collecting sensitive data. A structured cabling infrastructure, which has sparked market growth, allows data

transmission at a faster pace. Increased focus on cost and time control, increasing IoT data, the need for business automation, and increasing competition have dramatically increased the demand for standardized cabling systems. Demand for high-speed devices and systems for connectivity, data center convergence patterns, and the enormous expansion of communication infrastructure is expected to drive the growth of the structured cabling market.

Global Structured Cabling Market: Segments

Service Segment to grow with the highest CAGR of XX.X% during 2019-30

Global Structured Cabling Market is segmented by solution type into Products, Services, and Software. The greater market share in 2018 was accounted for by the product segment and is expected to see the highest growth during the forecast period. Structured cabling products are a portion of a communication system's physical infrastructure. They help organizations plan their business activities effectively and improve the communication network. Structured cabling products enable the transmission of voice & data smoothly to connect end-users with the outside world in the residential sector. Products represent an important part of the demand for structured cabling solutions. These include devices such as wires, communication outlets, patch panels & cross-connections, patch cords & cable assemblies, racks & cabinets.

Data Centers Segment to grow with the highest CAGR of XX.X% during 2019-30

Global Structured Cabling Market is segmented by application into LAN and Data Centre. The greater market share in 2018 was accounted for by the LAN segment and the trend is estimated to continue over the forecast period. The network infrastructure is broken into smaller sections due to the growing need for high-speed networks, with shorter cable lengths to allow high data rates. As the data is divided into smaller chunks, the LAN makes a fast data transfer speed. Whereas, with the rising demand for efficient cabling management, the data center segment is growing substantially. This is due to the high demand for centralized computing services and databases. Structured cabling standards often specify how a link should be formed in a series of subsystems during the establishment of a data center, including wireless connections that enable the design, implementation, operation, and maintenance of IT networks.

Global Structured Cabling Market: Market Dynamics

Drivers

Increasing demand for high bandwidth

The rising internet penetration has spurred high bandwidth demand. Structured cabling facilitates high bandwidth, which is important for the smooth operations of various companies. Due to the high use of bandwidth-intensive technologies, such as voice

over Internet (VoIP), IP-based videoconferencing, and digital audio and video, business enterprises are gradually changing their IT infrastructure. Increased demand for high bandwidth is thus driving the growth of the market for structured cabling. The market for organized cabling is driven by the rising demand for hassle-free IT infrastructure.

The emergence of IoT solutions

The growth of the structured cabling market is witnessed by the incessant developments in the healthcare industry combined with the increase in the number of data centers in prominent countries along with the penetration of logistics, warehousing, retail spaces, e-commerce, optical communication devices, and hypermarkets. In addition, the use of automation and cloud computing in the production sector is also boosting the use of organized cabling. In addition, these systems lead to faster data transfer, which makes it easier for companies to increase the efficiency of their decision-making processes and optimize profits.

Restrain

High implementation and maintenance cost of structured products

The high cost of fiber optic cables is hampering the development of the demand for structured cabling. In addition, fluctuations in the prices of raw materials for cables are limiting the growth of structured cabling globally. In addition, unshielded twisted pair cable tolerance of low electromagnetic compatibility impedance due to which communication efficiency decreases inhibit the growth of the global structured cabling market. The prevalence of trendy virtualization also plays a key role in decreasing the revenue from structured cabling over the coming years

Global Structured CablingMarket: Regions

Global Structured CablingMarket is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, APAC, and MENA.

Global Structured CablingMarket in the Asia Pacific held the largest market share of XX.X% in the year 2018 due to the rising demand for greater bandwidth, the region is growing at a steady rate. In order to accelerate bandwidth demand in the region, technological developments such as 4 G and 5 G are further expected, which would increase the 5 G rollout rate in APAC countries. The growth of the structured cabling industry in the region has been fuelled by the growing number of data centers and the increasing demand for high-speed internet networks. In addition, the APAC structured cabling market is expected to experience the fastest growth during the forecast period with the growing population and increasing data consumption in the region.

Competitive Landscape:

The Global Structured Cabling market, which is highly competitive, consists of several major players such as The Siemon Company, TE Connectivity, Schneider Electric SE, Rittal GmbH & Co. KG, RiT Tech (Intelligence Solutions) Ltd., Reichle & De-Massari AG, Panduit Corporation hold a substantial market share in the Global Structured Cabling market. Other players analyzed in this report are Nexans S.A., Metz Connect, Legrand, IBM Corporation, Furukawa Electric Co., Ltd., Fiber Mountain, Inc., Corning, Inc., CommScope Holding Co., Inc., Cisco Systems, Inc., CA Technologies, Belden Inc., Anixter International, and ABB Ltd., among others

Recently, various developments have been taking place in the market. For instance, In June 2015, Legrand (France) launched new structured cabling systems for residential and commercial use. They include home automation systems such as structured cabling systems for small offices as well as residences.

Global Structured Cabling Market is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey and Rest of Europe

APAC Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

MENA Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa and Rest of MENA

Global Structured Cabling Market: Key Players

Siemon

Company Overview

Business Strategy

Key Product Offerings

Financial Performance

Key Performance Indicators

Risk Analysis

Recent Development

Regional Presence

SWOT Analysis

Belden Inc

Schneider Electric SE

The Siemon Company

Commscope Holding Company, Inc

Corning Incorporated

Furukawa Electric Co , Ltd

General Cable Technology Corporation

Legrand

Nexans

Schneider Electric

Global Structured CablingMarket report also contains analysis on:

Global Structured CablingMarket Segments:

Market Segmentation

By Solution Type:

Products

Cables

Communication Outlets

Patch Panels & Cross Connects

Patch Cords & Cable Assemblies

Racks & Cabinets

Services

Installation & Consultation

Managed Services

Maintenance & Support

Software

By Application:

Local Area Network (LAN)

Data Center

By End User:

Telecommunication

Commercial

Government

Industrial

Structured CablingMarketDynamics

Structured CablingMarketSize

Supply & Demand
Current Trends/Issues/Challenges
Competition & Companies Involved in the Market
Value Chain of the Market
Market Drivers and Restraints

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Consultant Recommendation

**The above-given segmentation and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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