

## **Cable Management Market - Growth, Trends, Covid-19 Impact, and Forecasts (2023 - 2028)**

Market Report | 2023-01-23 | 120 pages | Mordor Intelligence

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### **Report description:**

The Cable Management Market will register a CAGR of 10.76% during the forecast period. The market's development has been significantly influenced by the increased use of cable management systems in the industrial and commercial sectors to meet demands for more excellent aesthetics, safety, and functional flexibility.

#### Key Highlights

One of the key trends driving the demand for cable management products includes the explosive growth of the information technology sector and the increased reliance of institutions and businesses on high-performance data and communication cabling. Many leading manufacturers report that majority of their markets for raceways and other systems are for data and communication applications. As a result, manufacturers are developing newer products and system improvements that are taking these systems well beyond their humble origins.

Additionally, rising demand for cable connectors and heat shrinks in power networks, renewable energy networks, underground power networks, solar plants, and wind turbines are anticipated to support the market's growth throughout the forecast period due to their resistance to constant sunlight, flames, and extreme temperatures.

Moreover, as industries everywhere move toward Industry 4.0, telecommunication has become one of the key factors supporting each sector's development. The data center structured cabling market has established a network for itself and is anticipating additional strength expansion. The many adoptions have bolstered this network in data centers, workplaces, and residential complexes.

An increase in high volatile raw material prices and cable installations for in-building wireless networks can be cumbersome to install and challenging to maintain as an increasing consumer and business demand for higher-performance cables might hamper the growth.

The COVID-19 pandemic has resulted in various supply chain challenges for manufacturers worldwide and had a similar impact on

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the cable management market. Vendors operating in the market were faced with shortages, price fluctuations in raw material supply, and a shortage of investments from end users and venture capitalists.

## Cable Management Market Trends

### Cable Trays Offers Potential Growth

A cable tray is a cable management solution designed to support the requirements of electric power, signal, control, instrumentation, and communication cables. They are fabricated in numerous styles, including wire mesh, ladder, ventilated trough, channel, and solid-bottom in various sizes, to provide versatility among cable support systems.

Cable trays are designed and installed to conform to NEMA standards, such as the NEMA VE-1 for design and NEMA VE-2 for installation. The National Electric Code dictates the requirements and limitations for cable loading. The NEMA Cable Tray Institute (CTI) was founded in 1991 to support the cable tray industry.

Cable trays are a structural component of a building's electrical system. Primary types that support a premises wiring system include ladders, ventilated troughs, or solid bottoms.

By design, crucial cable trays and their supports are shielded from dynamic loads like tornadoes, earthquakes, jet impingements, and pipe breakage. To integrate cable trays and provide numerous levels of security, users have begun using various methods. Tray thermal expansion and contraction due to changes in containment temperature are often addressed by adding flexible joints between the lines of trays.

The ability of cable fires to start and spread between adjacent trays and the fire resistance of cable trays are also crucial factors to consider. These factors heavily depend on the types of cables used, how the cable trays are organized, how the fire protection system operates, and how the area is ventilated. A fire retardant is typically sprayed on cable trays that could catch fire.

### Europe to Witness Fastest Growth

With the increased deployment of cables across multiple industries, the demand for cable management solutions is also rising. The increased demand for networks and facilities with the massive volume of cables has grown drastically in the region. Also, deploying high-capacity networks has resulted in complicated cable installations across various verticals. Thus, the need for the management of cables has gained prominence, driving the region's cable management market.

Multiple developed nations in the region, such as Germany and France, have been spending significantly on infrastructure development. With these increased investments in various sectors, enterprises are also focusing on renovating and upgrading their existing infrastructure to build better support for operations, resulting in growth in the cable management market.

Moreover, with the increasing energy demand and aging electricity infrastructure, governments across the region are increasingly moving toward the modernization of energy grids by adopting smart grid solutions. Such moves align with the growing propensity toward adopting new transportation and distribution infrastructure investments.

One of the fastest-growing markets in the area is IT and telecom. Due to the industry's increased demand for high-speed connectivity, businesses mainly concentrate on offering dependable services. The need for cable management solutions is also a result of the installation of new cables to support new services. One of the primary users of cable management, the industry is anticipated to influence market demand.

### Cable Management Market Competitor Analysis

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The cable management market is competitive and fragmented. ABB group company Thomas & Betts, Schneider Electric SE, Cooper Industries (Eaton), Chatsworth Products Inc., HellermannTyton, and others are some of the prominent participants in the market. These top manufacturers have begun to expand into developing countries after identifying potential needs.

In September 2022, ABB LTD announced investing USD 13 million in its Installation Products Division Iberville manufacturing facility in Saint-Jean-sur-Richelieu, Quebec, to increase production capacity and establish a research & development facility at its global center of excellence for cable tray manufacturing.

Additional Benefits:

The market estimate (ME) sheet in Excel format

3 months of analyst support

## **Table of Contents:**

### 1 INTRODUCTION

#### 1.1 Study Assumptions and Market Definition

#### 1.2 Scope of the Study

### 2 RESEARCH METHODOLOGY

### 3 EXECUTIVE SUMMARY

### 4 MARKET INSIGHTS

#### 4.1 Market Overview

#### 4.2 Industry Value Chain Analysis

#### 4.3 Industry Attractiveness - Porter Five Forces

##### 4.3.1 Bargaining Power of Suppliers

##### 4.3.2 Bargaining Power of Consumers

##### 4.3.3 Threat of New Entrants

##### 4.3.4 Threat of Substitute Products

##### 4.3.5 Intensity of Competitive Rivalry

#### 4.4 Impact of COVID-19 on the Market

### 5 MARKET DYNAMICS

#### 5.1 Market Drivers

##### 5.1.1 Demand in Renewable Energy Commercialization

##### 5.1.2 Growing Trend of Digitization & Adoption of Connected Solution

#### 5.2 Market Restraints

##### 5.2.1 Volatile Raw Material Prices

### 6 MARKET SEGMENTATION

#### 6.1 Product

##### 6.1.1 Cable Trays

##### 6.1.2 Cable Raceways

##### 6.1.3 Cable Conduits

##### 6.1.4 Cable Connectors and Glands

##### 6.1.5 Cable Carriers

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- 6.1.6 Cable Lugs
- 6.1.7 Junction/Distribution Boxes
- 6.1.8 Other Product Types (Ties, Covers, Fasteners, Clips)
- 6.2 End-user Industry
  - 6.2.1 IT and Telecommunication
  - 6.2.2 Construction
  - 6.2.3 Energy and Utility
  - 6.2.4 Manufacturing
  - 6.2.5 Commercial
  - 6.2.6 Other End User Industries
- 6.3 Geography
  - 6.3.1 North America
  - 6.3.2 Europe
  - 6.3.3 Asia Pacific
  - 6.3.4 Middle East

## 7 COMPETITIVE LANDSCAPE

- 7.1 Company Profiles\*
  - 7.1.1 ABB Ltd
  - 7.1.2 Schneider Electric SE
  - 7.1.3 Cooper Industries (Eaton)
  - 7.1.4 Chatsworth Products Inc
  - 7.1.5 HellermannTyton
  - 7.1.6 Panduit Corporation
  - 7.1.7 Prsymian SP
  - 7.1.8 Legrand SA
  - 7.1.9 Leviton Manufacturing Co. Inc.
  - 7.1.10 Atkore International Holdings
  - 7.1.11 Enduro Composites SP

## 8 INVESTMENT ANALYSIS

## 9 FUTURE OF THE MARKET

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