

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

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### **Report description:**

Increasing smartphone adoption and global penetration of the internet are some of the key factors influencing the growth of the telecom cable market, which is indirectly involved in the growth of the telecom market. The global telecom cable market is expected to register a CAGR of 7.3% over the forecast period from 2022 to 2027.

#### Key Highlights

Internet-enabled devices such as smartphones and tablets have become indispensable tools for communication, information, and entertainment worldwide. The increasing adoption of smartphones and the widespread use of the internet worldwide is a key factors influencing the growth of the telecommunications equipment market, which is responsible for developing the telecommunications cable market.

IoT technology uses telecom services for asset management and remote system monitoring. By using an IoT platform like Kaa, telecom companies can connect their diverse physical assets to the cloud and remotely manage their operations, investigate malfunctions, run firmware upgrades, and keep track of inventory, leading to market growth.

Recently, the shift to more decentralized government funding for broadband infrastructure has been observed. For instance, in November 2021, the USD 1 trillion Infrastructure Investment and Employment Act (IIJA) was passed in the United States, which allocates USD 65 billion for broadband access, clean water, electric grid renewal, transportation, and road proposals. Government programs dedicated to expanding and improving telecommunications infrastructure and services are expected to boost the market's growth.

The increased operating and maintenance cost of telecom cables is one of the major factors likely to hamper the market growth. Moreover, underground fiber provides more reliability and requires fewer maintenance efforts. Hence, there is a huge opportunity for optical fiber cables in the market in the current and future.

The outbreak of Covid-19 and the pandemic has become a huge challenge to continue operating and providing support even with

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agents working from home, as the telecom industry heavily relies on huge contact centers to assist their customers. However, due to the increased work-from-home trend, there is high demand for internet connectivity, positively boosting the market's growth.

## Telecom Cable Market Trends

### Rising Internet Penetration and Adoption of Smartphones

The growing applications of telecom cables in mobile devices such as smartphones and the rise of internet penetration are expected to augment the market's growth for the forecast period. Sumitomo Electronic, Leoni, and Nexans are key players who are intensely competing for space.

The introduction of 4G LTE technology and 5G services across various developing countries lead to the market's growth, telecom operators in wireless markets, and the imminent 5G and high-speed internet upgrades to be an offering to the market. This migration is necessary to enable expansive network experiences. The telecom cable market is expected to grow with the demand for high-speed internet.

The growing interest in multi-access edge computing and private mobile networks. The enterprise market for private mobile networks and edge computing is gaining momentum. The market is still growing, but it is promised to compete with many players competing for market share. Network operators must compete with other players who can be critical partners in providing solutions. In the next few years, other new entrants may begin to bet and define their role in this emerging but rapidly evolving market. These factors leverage the growth of the telecom cables market as well.

Companies focus on innovating and expanding their cable business to improve internet speeds. For instance, in February 2022, telecommunications operator Bharti Airtel announced that it would join the SEA-ME-W-E6 Submarine Cable Consortium to expand its global network capacity to serve India's growing digital economy. SEA-ME-WE-6 connects Singapore and France, making it one of the largest submarine cable systems in the world.

In August 2020, The Prime Minister of India inaugurated the Chennai-Andaman Nicobar Island Submarine cable landing project that can offer better internet and mobile connectivity in the islands, raising the submarine cable communications. Therefore, increasing the market for telecom cables.

In today's growing and digitalized world, text messaging, emailing, and video streaming seem to be forging more income. Mobile data services have substituted telephone calls, developing the telecommunications industry's maximum revenue and exhibiting consistent increases in the number of subscriptions for internet connections. Moreover, the work-from-home culture has leveraged the global telecom cable market.

### Asia Pacific Region is Expected to Hold a Significant Market Share

Increasing demand for connectivity and internet access in emerging metropolitan cities in the Asia Pacific region is actively driving the market growth. Finally, the growing need for faster internet speeds and better connectivity requires robust and efficient fiber optic test equipment filled with optical technology within the telecom cables, driving the market growth.

Moreover, in March 2021, Advanced Television Systems Committee (ATSC) and Telecommunications Standards Development Society, India (TSDSI) signed a deal to boost the adoption of ATSC standards in India to make broadcast services available on mobile devices. This allows the TSDSI to follow ATSC standards, harmonizing global digital broadcasting standards. The agreement allows mobile operators to consider standards-based transmission technologies inherited from ATSC 3.0. This can further leverage the telecom cable market in India.

In June 2020, Tata Communications, a digital ecosystem enabler, announced that the Asia Direct Cable (ADC) Consortium, of which it is a member, is making a high-performance submarine cable connecting China, Japan, the Philippines, Singapore,

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Thailand, and Vietnam. The consortium has selected NEC Corporation to construct the 9,400-kilometer-long ADC cable, which is anticipated to be finished by the end of 2022.

In recent times, Asian companies have emerged as significant players. China and Japan have set precedents, firmly setting the Asia-Pacific countries on the map. Australia, South Korea, Taiwan, India, and Vietnam boast significant telecom operators in the Asia-Pacific region, bolstering the position of the Asia-Pacific region within the telecom industry and leveraging the telecom cables market in the region.

Moreover, the Asia Pacific telecom cable market is expected to remain one of the largest markets and witness the highest growth over the forecast period due to growing demand for technologies such as cloud-based technology with high connectivity speed and increasing investment in IT infrastructure.

## Telecom Cable Market Competitor Analysis

The telecom cable market is highly competitive, dominated by established players such as Sumitomo Electric Industries, Ltd., Furukawa Electric Co. Ltd, Leoni, and Nexans. Through research and development, these players have been able to innovate the offerings that have enabled them to achieve a competitive advantage. With strategic partnerships and mergers & acquisitions, these players have gained a stronger foothold over the market.

September 2021 - Leoni, a provider of products and solutions for energy and data management in the automotive sector and other industries, marks the official opening of its fourth plant in Serbia, Kraljevo. The site is not only a giant Leoni plant in Serbia. It also employs a significant number of people at total capacity (up to 5,000 by the end of 2023), making the company a significant private industrial employer in Serbia. Leoni has invested over 50 million EUR in building and equipment for its new production facility.

May 2022 - One energy and Prysmian Group announced collaborating with Telstra to build a new state-of-the-art inter-capital fiber network in Australia. The national fiber network project is a multi-year project that will see Telstra build a new "state-of-the-art inter-city dual fiber path" that adds up to 20,000 route km of new fiber optic terrestrial cable, boosting inter-capital capacity as a capacity for regional areas.

Additional Benefits:

The market estimate (ME) sheet in Excel format  
3 months of analyst support

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