

**LAN Cable Market Research Report by Type (Cat 6 Cable, Cat 6A Cable, Cat 7 Cable, Cat 5 Cable, Cat 5E Cable, Cat 8 Cable), by Technology (UTP, FTP, STP, Others), by Application [Home Use (Only Construction LAN Cable), Office Use, Industrial Use], and by Region (North America, Europe, Asia-Pacific, Middle East and Africa, South America) Forecast till 2030**

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**Report description:**

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**Market Overview**

The global LAN cable market is projected to reach USD 8,875.45 million by 2030, growing at a CAGR of 5.3% from 2022 to 2030. A LAN cable, also known as an Ethernet cable, is used to connect computers, routers, and other devices within a Local Area Network. It enables fast and stable data transfer, making it essential for wired internet connections.

The increasing number of data centers worldwide is a key driver of the global LAN cable market. With the surge in e-commerce, cloud computing, and emerging technologies like cryptocurrencies and the metaverse, data centers demand high-speed, reliable connectivity. LAN cables, especially CAT 6 and CAT 6A, are the most preferred ones since they are the most economical, the easiest to install, and maintain compared to fiber optics. The LAN cable infrastructure needs to continue to increase significantly as enterprises expand their colocation and cloud services.

**Key Company Development**

In December 2021, Black Box, a leading IT connectivity solutions provider, launched the Black Box Velocity Partner Program to strengthen its reseller network in North and Latin America. The program provides product authorization, specialized training, and

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strategic support to the value-added resellers (VARs). Furthermore, members can enjoy the pricing benefits that make the company more competitive and facilitate business growth. By combining resources and training, the program helps partners to widen their client base, find new opportunities, and offer advanced IT solutions proficiently.

### Major Players

Key players in the global LAN cable market are Black Box Corporation, Fiberstore (FS.COM Inc), OTSCable.com Co Ltd., Infinite Electronics International Inc., Belden Inc., Shenzhen Lianxun Industrial Co., Ltd., Nexans SA., DBA Primus Cable, Huzhou ShumaiCable Co., Ltd., LEONI AG, General Cable Technology Corporation, Prysmian Group, Comm-Port Technologies, Cables-To-Go (C2G), and PCNet Wire & Cable Co., Ltd.

### Report Attribute□Details

-□Market Size 2021: USD 5,378.92 Million

-□Market Size 2030: USD 8,875.45 Million

-□CAGR (2022-2030): 5.3%

-□Base Year: 2021

-□Market Forecast Period: 2022-2030

### Market Segmentations

-□By Type: Cat 6 Cable - 4.9%, Cat 6A Cable - 5.6%.

-□By Technology: UTP - 3.8%, FTP - 5.3%.

-□By Application: Home Use - 5.6%, Office Use - 4.5%.

### Regional Insights

North America has the largest market share of the global LAN cable market, due to the strong presence of data centers, IT companies, and advanced telecom infrastructures within the region. The integration of strategic mergers and acquisitions, such as Equinix acquiring Bell Canada's data centers, is paving the way to a stable and strong landscape of the region. The North American LAN cable market reached USD 1,803.3 million in 2021, led by the U.S. as the primary revenue contributor.

Europe's LAN cable market is being driven by large-scale investments in 5G deployment, IoT adoption, and the need for high-speed data transfer in industries such as automotive and aviation. Germany's IT Security Law 2.0, among other legislative frameworks, is changing the vendor participation. Europe recorded USD 885.7 million in 2021, with Germany, the UK, and France driving demand through strong IT and telecom adoption.

The Asia-Pacific region is likely to show the highest growth rate over the next five years. Region's rapid industrialization, urbanization, and digitalization have made APAC the core growth hub for the global LAN cable industry. The Asia-Pacific market stood at USD 953.3 million in 2021, supported by high investments in China, India, and Japan's digital infrastructure.

The Middle East and Africa LAN cable market benefits from the rapid expansion of data centers, particularly in South Africa, the UAE, and Saudi Arabia. Growing adoption of hybrid and hyperscale data centers also supports long-term demand.

South America's LAN cable demand is fueled by infrastructure growth, increased IT adoption, and rising cloud computing penetration. The expansion of construction projects across Peru and Colombia also strengthens market opportunities. Rising digital transformation and enterprise IT spending position South America as an emerging growth region.

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