

Global Data Center Cable High-Speed ??Connector Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Data Center Cable High-Speed ??Connector market size is expected to reach \$ 1151 million by 2032, rising at a market growth of 7.8% CAGR during the forecast period (2026-2032).

A Data Center Cable High-Speed ??Connector is a precision interconnect component designed to terminate and connect high-speed copper cables used in data center environments, enabling reliable, low-latency signal transmission between servers, switches, storage systems, and networking equipment. These connectors are widely applied in DAC and AEC assemblies, backplane and midplane interconnects, and in-rack or near-rack connections, supporting data rates from 100G to 800G and beyond. Compared with optical connectors, copper high-speed connectors offer advantages in short-distance performance, lower power consumption, reduced system cost, and easier integration, making them a critical infrastructure component for AI and hyperscale data centers. In 2025, global Data Center Cable High-Speed ??Connector production reached approximately 21000 k units, with an average global market price of around US\$31 per unit. The production capacity for Data Center Cable High-Speed ??Connector in 2025 was approximately 23000 k units. The typical gross profit margin for Data Center Cable High-Speed ??Connector is between 20% and 40%.

The Data Center Cable High-Speed ??Connector market is driven by the rapid expansion of AI computing, cloud services, and hyperscale data centers, which require high-speed, low-latency, and cost-efficient interconnect solutions for short-reach connectivity. These connectors are core components in DAC and AEC assemblies, enabling data transmission rates from 100G to 800G and beyond for server-to-switch and in-rack connections. Compared with optical interconnects, copper cable connectors offer advantages in lower power consumption, lower total cost of ownership, and

simplified deployment, making them the dominant solution for high-density, short-distance data center architectures. Key growth regions include North America, Asia-Pacific, and Europe, while major industry trends focus on higher port density, signal integrity optimization, and compatibility with next-generation standards such as 800G Ethernet and PCIe Gen5/Gen6.

This report studies the global Data Center Cable High-Speed ??Connector production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Data Center Cable High-Speed ??Connector and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Data Center Cable High-Speed ??Connector that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Data Center Cable High-Speed ??Connector total production and demand, 2021-2032, (K Units)

Global Data Center Cable High-Speed ??Connector total production value, 2021-2032, (USD Million)

Global Data Center Cable High-Speed ??Connector production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Data Center Cable High-Speed ??Connector consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Data Center Cable High-Speed ??Connector domestic production, consumption, key domestic manufacturers and share

Global Data Center Cable High-Speed ??Connector production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Data Center Cable High-Speed ??Connector production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Data Center Cable High-Speed ??Connector production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Data Center Cable High-Speed ??Connector market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include TE

Connectivity, Amphenol, Molex, Hirose Electric, Yamaichi, HARTING, Samtec, Luxshare Precision, Wenzhou Yihua Connector, T&S Communications, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Data Center Cable High-Speed ??Connector market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Data Center Cable High-Speed ??Connector Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Data Center Cable High-Speed ??Connector Market, Segmentation by Type:

SFP

QSFP

OSFP

Global Data Center Cable High-Speed ??Connector Market, Segmentation by Passive/Active:

Passive Cables

Active Cables

Global Data Center Cable High-Speed ??Connector Market, Segmentation by Cables:

DAC / AEC

AOC

AEC / AOC

Global Data Center Cable High-Speed ??Connector Market, Segmentation by Application:

Cloud Data Centers

AI Data Centers / AI Servers

High-Performance Computing (HPC)

Enterprise Data Centers

Others

Companies Profiled:

TE Connectivity

Amphenol

Molex

Hirose Electric

Yamaichi

HARTING

Samtec

Luxshare Precision

Wenzhou Yihua Connector

T&S Communications

Shenglan Technology

Dongguan Dingtong Precision Metal

Key Questions Answered:

1. How big is the global Data Center Cable High-Speed ??Connector market?
2. What is the demand of the global Data Center Cable High-Speed ??Connector market?
3. What is the year over year growth of the global Data Center Cable High-Speed ??Connector market?
4. What is the production and production value of the global Data Center Cable High-Speed ??Connector market?
5. Who are the key producers in the global Data Center Cable High-Speed ??Connector market?
6. What are the growth factors driving the market demand?

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