

Global Active Electrical Cables (AEC) Supply, Demand and Key Producers, 2023-2029

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Abstracts

The global Active Electrical Cables (AEC) market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

The Global Mobile Economy Development Report 2023 released by GSMA Intelligence pointed out that by the end of 2022, the number of global mobile users would exceed 5.4 billion. The mobile ecosystem supports 16 million jobs directly and 12 million jobs indirectly.

According to our Communications Research Centre, in 2022, the global communication equipment was valued at US\$ 100 billion. The U.S. and China are powerhouses in the manufacture of communications equipment. According to data from the Ministry of Industry and Information Technology of China, the cumulative revenue of telecommunications services in 2022 was ?1.58 trillion, an increase of 8% over the previous year. The total amount of telecommunications business calculated at the price of the previous year reached ?1.75 trillion, a year-on-year increase of 21.3%. In the same year, the fixed Internet broadband access business revenue was ?240.2 billion, an increase of 7.1% over the previous year, and its proportion in the telecommunications business revenue decreased from 15.3% in the previous year to 15.2%, driving the telecommunications business revenue to increase by 1.1 percentage points.

An active electrical cable, also known as an active cable or an active optical cable (AOC), is a type of cable that integrates active components to boost or extend the electrical or optical signals transmitted through the cable. Unlike passive cables, which simply transmit signals without any active processing, active cables incorporate built-in electronics to improve signal quality and enhance performance over longer distances.

Active electrical cables are commonly used in various applications, including data centers, computer networking, audio/video systems, and high-speed interconnects. They are designed to overcome the limitations of traditional copper or fiber-optic cables, such as signal degradation, distance limitations, and susceptibility to electromagnetic interference (EMI) or signal loss.

This report studies the global Active Electrical Cables (AEC) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Active Electrical Cables (AEC), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Active Electrical Cables (AEC) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Active Electrical Cables (AEC) total production and demand, 2018-2029, (Meter)

Global Active Electrical Cables (AEC) total production value, 2018-2029, (USD Million)

Global Active Electrical Cables (AEC) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Meter)

Global Active Electrical Cables (AEC) consumption by region & country, CAGR, 2018-2029 & (Meter)

U.S. VS China: Active Electrical Cables (AEC) domestic production, consumption, key domestic manufacturers and share

Global Active Electrical Cables (AEC) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Meter)

Global Active Electrical Cables (AEC) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Meter)

Global Active Electrical Cables (AEC) production by Application production, value, CAGR, 2018-2029, (USD Million) & (Meter).

This reports profiles key players in the global Active Electrical Cables (AEC) 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 Amphenol, NVIDIA, Coherent, Sumitomo Electric Industries, Mobix Labs, Panduit, Molex, TE Connectivity and Siemon, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Active Electrical Cables (AEC) market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Meter) and average price (US\$/Meter) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Active Electrical Cables (AEC) Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Active Electrical Cables (AEC) Market, Segmentation by Type

Active Copper Cables

Active Optical Cables (AOCs)

Global Active Electrical Cables (AEC) Market, Segmentation by Application

Data Centers

High-Performance Computing (HPC)

Consumer Electronics

Industrial Automation

Others

Companies Profiled:

Amphenol

NVIDIA

Coherent

Sumitomo Electric Industries

Mobix Labs

Panduit

Molex

TE Connectivity

Siemon

BizLink Technology

Credo

Vitex

Smartoptics

Marvell

Point2 Technology

Key Questions Answered

1. How big is the global Active Electrical Cables (AEC) market?
2. What is the demand of the global Active Electrical Cables (AEC) market?
3. What is the year over year growth of the global Active Electrical Cables (AEC) market?
4. What is the production and production value of the global Active Electrical Cables (AEC) market?
5. Who are the key producers in the global Active Electrical Cables (AEC) market?
6. What are the growth factors driving the market demand?

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