

Middle East & Africa Aircraft Wiring Harness Market Forecast to 2030 - Regional Analysis - by Type (Wire Harness Terminal, Wire Harness Connector, and Others) and Material (PVC, Polyethylene, Polyurethane, Thermoplastic Elastomers, and Vinyl)

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Abstracts

The Middle East & Africa aircraft wiring harness market is expected to grow from US\$ 145.13 million in 2022 to US\$ 227.76 million by 2030. It is estimated to register a CAGR of 5.8% from 2022 to 2030.

Miniaturization of Wire Harness Bolsters Middle East & Africa Aircraft Wiring Harness Market

The wire harness industry is poised to undergo significant changes as it adapts to evolving technologies, along with rising demand for customized solutions. Miniaturization is one of the most significant trends that will likely shape the aviation industry. As technology becomes more compact, wire harnesses must be designed with smaller components and thinner wires that can accommodate higher data rates while taking up less space. The integration of automation in wire harness manufacturing will increase efficiency and reduce errors. Customized wire harness solutions will also become more critical for specific aerospace applications with the rising adoption of IoT and smart devices. Modern aviation systems require high-speed data transmission capabilities. The industry must focus on using environment-friendly materials and production processes while creating wire harnesses capable of handling multiple connections and communication protocols. Further, miniaturized wire harnesses are designed to handle various requirements of aviation systems, supporting the growing demand for in-flight connectivity and data-intensive applications. As modern aircraft are equipped with a multitude of advanced systems and components, miniaturized wire

harnesses help ensure efficient routing and installation within the limited space constraints of an aircraft. Thus, the trend of miniaturization of wire harnesses is likely to fuel the market growth in the coming years.

Middle East & Africa Aircraft Wiring Harness Market Overview

Over the past few years, the MEA has been imparting relatively flat trends in the airline sector. However, a few countries in the region have recorded higher air traffic. Due to this, several airport constructions are taking place in the region. For instance, in March 2023, Rafik Hariri International Airport in Beirut, Lebanon, made an announcement that it will start construction of a US\$ 122 million terminal, which will be run by a renowned Irish airport operator after its completion in four years. Moreover, the region has several prominent players in the aircraft wiring harness market. For example, 48 Komax Alpha 530s is South Africa's largest wire harness manufacturer, with a footprint of ~95,000 sq m spread across two provinces. Further, governments of various countries in the Middle East & Africa took several steps to manufacture sustainable electric aircraft. For instance, in April 2023, Monarch airplane manufacturing, based in the UAE, and EHang Holdings, a Chinese drone technology company, agreed to establish the first electric aircraft manufacturing facility in the Middle East & Africa in Abu Dhabi. Thus, the increasing focus on the adoption of electric aircraft propelled the demand for aircraft wiring harnesses in the region. According to the International Trade Administration (ITA), the UAE has surpassed other regional markets in the aerospace sector owing to government initiatives and investments. These projects include academic programs, industrial clusters, and the offset program. In line with the UAE's long-term plan to transition to a knowledge-based economy, these initiatives have increased the number of contracts signed for new manufacturing, maintenance, repair, and overhaul (MRO) projects. Moreover, the presence of prominent airports such as, Dubai International Airport (DXB) is the world's busiest international travel hub as of 2023. DWC can hold 1.6 million travelers annually. According to Euronews, this number might reach over 250 million by 2050. With the rising number of travelers, there will be a rise in the number of aircraft that will require wire harnesses. All these factors are propelling the overall growth of the aircraft wiring harness market.

Middle East & Africa Aircraft Wiring Harness Market Revenue and Forecast to 2030 (US\$ Million)

Middle East & Africa Aircraft Wiring Harness Market Segmentation

The Middle East & Africa aircraft wiring harness market is segmented into type,

material, and country.

Based on type, the Middle East & Africa aircraft wiring harness market is segmented into wire harness terminal, wire harness connector, and others. The wire harness terminal segment held the largest share of the Middle East & Africa aircraft wiring harness market in 2022.

In terms of material, the Middle East & Africa aircraft wiring harness market is categorized into PVC, polyethylene, polyurethane, thermoplastic elastomers, and vinyl. The PVC segment held the largest share of the Middle East & Africa aircraft wiring harness market in 2022.

Based on country, the Middle East & Africa aircraft wiring harness market is segmented into the UAE, Saudi Arabia, South Africa, and the Rest of Middle East & Africa. The UAE dominated the Middle East & Africa aircraft wiring harness market in 2022.

Collins Aerospace, GKN Aerospace Services Ltd, Safran SA, and Samvardhana Motherson International Ltd are some of the leading companies operating in the Middle East & Africa aircraft wiring harness market.

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