

# **Middle East & Africa Military Antenna Market Forecast to 2030 - Regional Analysis - by Type (Aperture Antennas, Dipole Antennas, Travelling Wave Antennas, Monopole Antennas, Loop Antennas, Array Antennas, and Others), Frequency (High Frequency, Very High Frequency, and Ultra-High Frequency), Platform (Marine, Ground, and Airborne), and Application (Communication, Telemetry, Electronic Warfare, Surveillance, and Navigation)**

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## **Abstracts**

The Middle East & Africa military antenna market was valued at US\$ 245.16 million in 2022 and is expected to reach US\$ 333.78 million by 2030; it is estimated to record a CAGR of 3.9% from 2022 to 2030.

### **Deployment of Countermeasure Systems Drive Middle East & Africa Military Antenna Market**

The changing geopolitical scenario worldwide boosts the requirement for strong defense countermeasure systems. Countermeasure systems are an airborne defensive system that helps in identifying airborne threats. Air defense radar systems generate important data for fusion and correlation by leveraging inputs from other sensors and intelligence sources. This accelerates the development of a comprehensive and accurate air image, enabling precise threat assessments and target engagements. The constant tension across nations like Russia, India, Pakistan, Ukraine, Israel, and Palestine among others is compelling their governments to strengthen the armed forces. Hence, the armed forces across different countries are investing in procuring air defense systems such as

surface-to-air missile systems, integrated air defense systems, naval defense systems, fighter aircraft, early warning systems, and border surveillance systems. Radar systems are fundamental components of comprehensive air defense systems. They enable armed forces to track, detect, and identify airborne threats such as aircraft, drones, and missiles. BAE Systems, General Dynamics Corporation, Honeywell International Inc., Israel Aerospace Industries Inc., Leonardo S.p.A, Lockheed Martin Corporation, Northrop Grumman Corporation, Raytheon Technologies Corporation, SAAB AB, and Thales Group are some of the companies are focusing on developing defense countermeasure systems that includes radar system, communication and surveillance system and navigation devices among others. Thus, the increasing procurement of countermeasure systems and their deployment is expected to fuel the growth of the Middle East & Africa military antenna market during the forecast period.

### Middle East & Africa Military Antenna Market Overview

The UAE, Saudi Arabia, and South Africa are a few of the prominent countries in the Middle East & Africa military antenna market across the Middle East & Africa. In 2020, the military expenditure was US\$ 129.9 billion, which increased to US\$ 134.1 billion in 2021. In 2022, the Middle East & Africa's military expenditure was US\$ 146.8 billion. In 2022, Saudi Arabia dominated in terms of military expenditure, followed by the UAE and South Africa. A prominent share of military expenditure is dedicated to the requirement for advanced equipment, devices, aircraft, ships, and armored vehicles in modern war, which is anticipated to boost the application of military antennas during the forecast period. The Middle East & Africa accounted for 4,964 units of military aircraft fleet as of 2023. In December 2022, the governments of Japan, Italy, and the UK collaborated to manufacture a combat aircraft that is more advanced than the Eurofighter and US F-35, equipped with high-end sensors and advanced technology. In 2023, the government of Saudi Arabia planned to collaborate with Italy, Japan, and the UK in order to join the manufacturing project of these countries. Royal Saudi Naval Forces is anticipated to procure Navantia's fourth of five Avante 2200 corvettes by 2024. In 2023, Abu Dhabi Ship Building initiated the building of Falaj 3-class fast patrol vessels for the UAE Navy. In 2022, The UAE Ministry of Defense plans to purchase 12 L-15 aircraft and has the intention to purchase an additional 36 planes in the future from the Chinese CATIC corporation.

The Middle East & Africa accounted for 321 units of naval vessels as of 2023, and it has 20 units of naval vessels ordered in the commissioned phase. Predominantly, corvettes, frigates, and submarines are dominating in terms of the number of military units in the Middle East & Africa. Saudi Arabia is dominating in terms of the number of naval

vessels in the Middle East & Africa, followed by the UAE and South Africa in 2023. Military antennas are primarily used in naval vessels to obtain information across a large spectrum of frequencies. These antennas can measure radiation patterns and support better communication or signal radiation. Furthermore, the growing advent of satellite communication using high-end antennas is also boosting the market for military antennas in the Middle East & Africa.

Middle East & Africa Military Antenna Market Revenue and Forecast to 2030 (US\$ Million)

Middle East & Africa Military Antenna Market Segmentation

The Middle East & Africa military antenna market is segmented based on type, frequency, platform, application, and country.

Based on type, the Middle East & Africa military antenna market is segmented into aperture antennas, dipole antennas, travelling wave antennas, monopole antennas, loop antennas, array antennas, and others. The dipole antennas segment held the largest share in 2022.

By frequency, the Middle East & Africa military antenna market is segmented into high frequency, very high frequency, and ultra-high frequency. The high frequency segment held the largest share in 2022.

By platform, the Middle East & Africa military antenna market is segmented into marine, ground, and airborne. The ground segment held the largest share in 2022.

In terms of application, the Middle East & Africa military antenna market is categorized into communication, telemetry, electronic warfare, surveillance, and navigation. The communication segment held the largest share in 2022.

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

Thales SA, L3Harris Technologies Inc, Lockheed Martin Corp, Raytheon Technologies Corp, Rohde and Schwarz GmbH and Co KG, and BAE Systems Plc are some of the leading companies operating in the Middle East & Africa military antenna market.

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