

Middle East & Africa Submarine Power Cable Market Forecast to 2028 – COVID-19 Impact and Regional Analysis – by Type (Multicore and Single Core), Conductor Material (Copper and Aluminum), Voltage (High Voltage and Medium Voltage), and Application (Offshore Oil and Gas, Offshore Wind Power, and Inter-Country & Island Connection)

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Abstracts

The Middle East & Africa submarine power cable market is expected to grow from US\$ 164.24 million in 2021 to US\$ 242.29 million by 2028. It is estimated to grow at a CAGR of 5.7% from 2021 to 2028.

Rise in Development of Underwater Data Center is Driving the Middle East & Africa Submarine Power Cable Market

Underwater data centers have been gaining momentum over the years owing to various factors such as lack of space above the ground, increased effectiveness due to fewer failures, and serving a larger section of people at a lower cost. These factors have increased the investment on underwater data centers. Two type of submarine cables are used in these data centers that is one for transferring data and the other are power cables for powering the whole data center and its operations under the sea. These factors are expected to increase the demand for subsea cable systems, thereby creating lucrative demand for submarine power cables for powering the whole data center operations below the sea, thereby contributing to the growth of the Middle East & Africa submarine power cable market .

Middle East & Africa Submarine Power Cable Market Overview

The Middle East & Africa submarine power cable market is segmented into Saudi Arabia, the UAE, South Africa, and the Rest of Middle East and Africa. The oil and gas landscape in the Middle East has changed dramatically in recent years with investments in a wider range of projects, including LNG and technical offshore projects. This trend is expected to continue in the coming years with a projected offshore exploration spending of fivefold by 2025. A few of the major projects ongoing across the region include the enhancement of the production capacity of Zakum in Abu Dhabi, and Abu Dhabi Northwest Development – Hail and Ghasha Sour Gas. Such a rise in investments in offshore oil and gas plants is expected to trigger the demand for submarine power cable systems across the Middle East & Africa.

Samsung C&T Corporation has given Sumitomo Electric Industries, Ltd. a limited notice to proceed (LNTP) to supply a high-voltage direct current (HVDC) cable to Abu Dhabi National Oil Company (ADNOC) in the United Arab Emirates (UAE). Sumitomo Electric's state-of-the-art 400 kV DC Cross-Linked Polyethylene (XLPE) cable technology was used to build the Middle East's first submarine HVDC network (route length of approximately 140 km). By 2050, the United Arab Emirates has set a national objective of zero greenhouse gas emissions (Net-zero by 2050 Strategic Initiative). This project intends to produce a considerable decrease in CO2 emissions by supplying sustainable power from the mainland via the HVDC transmission infrastructure connecting the UAE mainland with Das Island in the Persian Gulf, in accordance with the plan.

Middle East & Africa Submarine power cable Market Revenue and Forecast to 2028 (US\$ Million)

Middle East & Africa Submarine power cable Market Segmentation

The Middle East & Africa submarine power cable market is segmented into type, conductor material, voltage, application, and country.

Based on type, the Middle East & Africa submarine power cable market is bifurcated into multicore, single core. The single core segment accounted for the highest share in the Middle East & Africa submarine power cable market in 2021.

Based on conductor material, the Middle East & Africa submarine power cable market is segmented into copper and Aluminum. The copper segment accounted for the highest share in the Middle East & Africa market in 2021.

Based on voltage, the Middle East & Africa submarine power cable market is segmented into high voltage, and medium voltage. The high voltage accounted for a higher share in the Middle East & Africa submarine power cable market in 2021.

Based on application, the Middle East & Africa submarine power cable market is segmented into offshore oil and gas, offshore wind power, inter-country and island connection, and others. The offshore wind power segment accounted for the highest share in the submarine power cable Middle East & Africa market in 2021.

Based on country, the Middle East & Africa submarine power cable market is segmented into Saudi Arabia, South Africa, the UAE, and the Rest of Middle East & Africa. The UAE dominated the Middle East & Africa submarine power cable market share in 2021.

Sumitomo Electric Industries Ltd; FURUKAWA ELECTRIC CO. LTD; HENG TONG GROUP CO. LTD; KEI Industries Limited; LS Cable & System Ltd; Hydro Group Plc; and ZT International Ltd are the leading companies operating in the Middle East & Africa submarine power cable market.

Contents

1. INTRODUCTION

- 1.1 Scope of the Study
- 1.2 The Insight Partners Research Report Guidance
- 1.3 Market Segmentation

2. MEA SUBMARINE POWER CABLE MARKET- KEY TAKEAWAYS

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. MEA SUBMARINE POWER CABLE MARKET LANDSCAPE

- 4.1 Market Overview
- 4.2 MEA PEST Analysis
- 4.3 Ecosystem Analysis
- 4.4 Expert Opinion

5. MEA SUBMARINE POWER CABLE MARKET – KEY INDUSTRY DYNAMICS

- 5.1 Market Drivers
 - 5.1.1 Increasing Investment on Offshore Wind Energy Plants
 - 5.1.2 Rise in Cross Country Submarine Connections for Power Transmission
- 5.2 Market Restraints
 - 5.2.1 Longer Life Span of Submarine Power Cable
- 5.3 Market Opportunities
 - 5.3.1 Future Opportunities for Submarine Power Cable Market
- 5.4 Future Trends
 - 5.4.1 Rise in Development of Underwater Data Center
- 5.5 Impact Analysis of Drivers and Restraints

6. SUBMARINE POWER CABLE MARKET – MEA MARKET ANALYSIS

6.1 MEA Submarine Power Cable Market Forecast and Analysis

7. MEA SUBMARINE POWER CABLE MARKET ANALYSIS – BY TYPE

7.1 Overview

7.2 MEA Submarine Power Cable Market Breakdown, by Type, 2020 and 2028

7.3 Multicore

7.3.1 Overview

7.3.2 Multicore: MEA Submarine Power Cable Market Revenue and Forecast to 2028 (US\$ Million)

7.4 Single Core

7.4.1 Overview

7.4.2 Single Core: MEA Submarine Power Cable Market Revenue and Forecast to 2028 (US\$ Million)

8. MEA SUBMARINE POWER CABLE MARKET ANALYSIS – BY CONDUCTOR MATERIAL

8.1 Overview

8.2 MEA Submarine Power Cable Market, by Conductor Material (2020 and 2028)

8.3 Copper

8.3.1 Overview

8.3.2 Copper: MEA Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)

8.4 Aluminum

8.4.1 Overview

8.4.2 Aluminium: MEA Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)

9. MEA SUBMARINE POWER CABLE MARKET ANALYSIS – BY VOLTAGE

9.1 Overview

9.2 MEA Submarine Power Cable Market, by Voltage (2020 and 2028)

9.3 High Voltage

9.3.1 Overview

9.3.2 High Voltage: MEA Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)

9.4 Medium Voltage

9.4.1 Overview

9.4.2 Medium Voltage: MEA Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)

10. MEA SUBMARINE POWER CABLE MARKET ANALYSIS – BY APPLICATION

10.1 Overview

10.2 MEA Submarine Power Cable Market, by Application (2020 and 2028)

10.3 Offshore Oil and Gas

10.3.1 Overview

10.3.2 Offshore Oil and Gas: MEA Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)

10.4 Offshore Wind Power

10.4.1 Overview

10.4.2 Offshore Wind Power: MEA Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)

10.5 Inter-Country and Island Connection

10.5.1 Overview

10.5.2 Inter-Country and Island Connection: Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)

11. MEA SUBMARINE POWER CABLE MARKET – COUNTRY ANALYSIS

11.1 Overview

11.1.1 MEA: Submarine Power Cable Market, by Key Country

11.1.1.1 Saudi Arabia: Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)

11.1.1.1.1 Saudi Arabia: Submarine Power Cable Market, By Type

11.1.1.1.2 Saudi Arabia: Submarine Power Cable Market, by Conductor Material

11.1.1.1.3 Saudi Arabia: Submarine Power Cable Market, by Voltage

11.1.1.1.3.1 Saudi Arabia: Submarine Power Cable Market, by High Voltage

11.1.1.1.3.2 Saudi Arabia: Submarine Power Cable Market, by Medium Voltage

11.1.1.1.4 Saudi Arabia: Submarine Power Cable Market, by Application

11.1.1.2 UAE: Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)

11.1.1.2.1 UAE: Submarine Power Cable Market, By Type

11.1.1.2.2 UAE: Submarine Power Cable Market, by Conductor Material

11.1.1.2.3 UAE: Submarine Power Cable Market, by Voltage

11.1.1.2.3.1 UAE: Submarine Power Cable Market, by High Voltage

11.1.1.2.3.2 UAE: Submarine Power Cable Market, by Medium Voltage

- 11.1.1.2.4 UAE: Submarine Power Cable Market, by Application
- 11.1.1.3 South Africa: Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)
 - 11.1.1.3.1 South Africa: Submarine Power Cable Market, By Type
 - 11.1.1.3.2 South Africa: Submarine Power Cable Market, by Conductor Material
 - 11.1.1.3.3 South Africa: Submarine Power Cable Market, by Voltage
 - 11.1.1.3.3.1 South Africa: Submarine Power Cable Market, by High Voltage
 - 11.1.1.3.3.2 South Africa: Submarine Power Cable Market, by Medium Voltage
 - 11.1.1.3.4 South Africa: Submarine Power Cable Market, by Application
- 11.1.1.4 Rest of MEA: Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)
 - 11.1.1.4.1 Rest of MEA: Submarine Power Cable Market, By Type
 - 11.1.1.4.2 Rest of MEA: Submarine Power Cable Market, by Conductor Material
 - 11.1.1.4.3 Rest of MEA: Submarine Power Cable Market, by Voltage
 - 11.1.1.4.3.1 Rest of MEA: Submarine Power Cable Market, by High Voltage
 - 11.1.1.4.3.2 Rest of MEA: Submarine Power Cable Market, by Medium Voltage
 - 11.1.1.4.4 Rest of MEA: Submarine Power Cable Market, by Application

12. INDUSTRY LANDSCAPE

- 12.1 Overview
- 12.2 Market Initiative
- 12.3 New Product Development

13. COMPANY PROFILES

- 13.1 TZT International Ltd
 - 13.1.1 Key Facts
 - 13.1.2 Business Description
 - 13.1.3 Products and Services
 - 13.1.4 Financial Overview
 - 13.1.5 SWOT Analysis
 - 13.1.6 Key Developments
- 13.2 Hydro Group
 - 13.2.1 Key Facts
 - 13.2.2 Business Description
 - 13.2.3 Products and Services
 - 13.2.4 Financial Overview
 - 13.2.5 SWOT Analysis

- 13.2.6 Key Developments
- 13.3 LS Cable & System Ltd.
 - 13.3.1 Key Facts
 - 13.3.2 Business Description
 - 13.3.3 Products and Services
 - 13.3.4 Financial Overview
 - 13.3.5 SWOT Analysis
 - 13.3.6 Key Developments
- 13.4 KEI Industries Limited
 - 13.4.1 Key Facts
 - 13.4.2 Business Description
 - 13.4.3 Products and Services
 - 13.4.4 Financial Overview
 - 13.4.5 SWOT Analysis
 - 13.4.6 Key Developments
- 13.5 Sumitomo Electric Industries, Ltd.
 - 13.5.1 Key Facts
 - 13.5.2 Business Description
 - 13.5.3 Products and Services
 - 13.5.4 Financial Overview
 - 13.5.5 SWOT Analysis
 - 13.5.6 Key Developments
- 13.6 FURUKAWA ELECTRIC CO., LTD.
 - 13.6.1 Key Facts
 - 13.6.2 Business Description
 - 13.6.3 Products and Services
 - 13.6.4 Financial Overview
 - 13.6.5 SWOT Analysis
 - 13.6.6 Key Developments
- 13.7 NKT A/S
 - 13.7.1 Key Facts
 - 13.7.2 Business Description
 - 13.7.3 Products and Services
 - 13.7.4 Financial Overview
 - 13.7.5 SWOT Analysis
 - 13.7.6 Key Developments
- 13.8 HENGTONG GROUP CO.,LTD.
 - 13.8.1 Key Facts
 - 13.8.2 Business Description

- 13.8.3 Products and Services
- 13.8.4 Financial Overview
- 13.8.5 SWOT Analysis
- 13.8.6 Key Developments

14. APPENDIX

- 14.1 About The Insight Partners
- 14.2 Glossary

List Of Tables

LIST OF TABLES

Table 1. MEA Submarine Power Cable Market Revenue and Forecasts to 2028 (US\$ Mn)

Table 2. MEA: Submarine Power Cable Market, by Country – Revenue and Forecast to 2028 (US\$ Million)

Table 3. Saudi Arabia: Submarine Power Cable Market, By Type– Revenue and Forecast to 2028 (US\$ Million)

Table 4. Saudi Arabia: Submarine Power Cable Market, by Conductor Material – Revenue and Forecast to 2028 (US\$ Million)

Table 5. Saudi Arabia: Submarine Power Cable Market, by Voltage – Revenue and Forecast to 2028 (US\$ Million)

Table 6. Saudi Arabia: Submarine Power Cable Market, by High Voltage – Revenue and Forecast to 2028 (US\$ Million)

Table 7. Saudi Arabia: Submarine Power Cable Market, by Medium Voltage – Revenue and Forecast to 2028 (US\$ Million)

Table 8. Saudi Arabia: Submarine Power Cable Market, by Application – Revenue and Forecast to 2028 (US\$ Million)

Table 9. UAE: Submarine Power Cable Market, By Type– Revenue and Forecast to 2028 (US\$ Million)

Table 10. UAE: Submarine Power Cable Market, by Conductor Material – Revenue and Forecast to 2028 (US\$ Million)

Table 11. UAE: Submarine Power Cable Market, by Voltage – Revenue and Forecast to 2028 (US\$ Million)

Table 12. UAE: Submarine Power Cable Market, by High Voltage – Revenue and Forecast to 2028 (US\$ Million)

Table 13. UAE: Submarine Power Cable Market, by Medium Voltage – Revenue and Forecast to 2028 (US\$ Million)

Table 14. UAE: Submarine Power Cable Market, by Application – Revenue and Forecast to 2028 (US\$ Million)

Table 15. South Africa: Submarine Power Cable Market, By Type– Revenue and Forecast to 2028 (US\$ Million)

Table 16. South Africa: Submarine Power Cable Market, by Conductor Material – Revenue and Forecast to 2028 (US\$ Million)

Table 17. South Africa: Submarine Power Cable Market, by Voltage – Revenue and Forecast to 2028 (US\$ Million)

Table 18. South Africa: Submarine Power Cable Market, by High Voltage – Revenue

and Forecast to 2028 (US\$ Million)

Table 19. South Africa: Submarine Power Cable Market, by Medium Voltage – Revenue and Forecast to 2028 (US\$ Million)

Table 20. South Africa: Submarine Power Cable Market, by Application – Revenue and Forecast to 2028 (US\$ Million)

Table 21. Rest of MEA: Submarine Power Cable Market, By Type– Revenue and Forecast to 2028 (US\$ Million)

Table 22. Rest of MEA: Submarine Power Cable Market, by Conductor Material – Revenue and Forecast to 2028 (US\$ Million)

Table 23. Rest of MEA: Submarine Power Cable Market, by Voltage – Revenue and Forecast to 2028 (US\$ Million)

Table 24. Rest of MEA: Submarine Power Cable Market, by High Voltage – Revenue and Forecast to 2028 (US\$ Million)

Table 25. Rest of MEA: Submarine Power Cable Market, by Medium Voltage – Revenue and Forecast to 2028 (US\$ Million)

Table 26. Rest of MEA: Submarine Power Cable Market, by Application – Revenue and Forecast to 2028 (US\$ Million)

Table 27. Glossary of terms, MEA Submarine Power Cable Market

List Of Figures

LIST OF FIGURES

- Figure 1. MEA Submarine Power Cable Market Segmentation
- Figure 2. MEA Submarine Power Cable Market Segmentation – By Country
- Figure 3. MEA Submarine Power Cable Market Overview
- Figure 4. Single Core Held the Highest Share in MEA Submarine Power Cable Market in 2020
- Figure 5. MEA Submarine Power Cable Market, by Country
- Figure 6. MEA – PEST Analysis
- Figure 7. MEA Submarine Power Cable Market – Ecosystem Analysis
- Figure 8. Expert Opinion
- Figure 9. MEA Submarine Power Cable Market: Impact Analysis of Drivers and Restraints
- Figure 10. MEA Submarine Power Cable Market Forecast and Analysis, (US\$ Mn)
- Figure 11. MEA Submarine Power Cable Market Revenue Share, by Type (2020 and 2028)
- Figure 12. Multicore: MEA Submarine Power Cable Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 13. Single Core: MEA Submarine Power Cable Market Revenue and Forecast to 2028 (US\$ Million)
- Figure 14. MEA Submarine Power Cable Market Revenue Share, by Conductor Material (2020 and 2028)
- Figure 15. Copper: MEA Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 16. Ground: MEA Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 17. MEA Submarine Power Cable Market Revenue Share, by Voltage (2020 and 2028)
- Figure 18. High Voltage: MEA Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 19. Medium Voltage: MEA Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 20. MEA Submarine Power Cable Market Revenue Share, by Configuration (2020 and 2028)
- Figure 21. Offshore Oil and Gas: MEA Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)
- Figure 22. Offshore Wind Power: MEA Submarine Power Cable Market – Revenue and

Forecast to 2028 (US\$ Million)

Figure 23. Inter-Country and Island Connection: Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 24. MEA: Submarine Power Cable Market, by Key Country – Revenue (2020) (US\$ Million)

Figure 25. MEA: Submarine Power Cable Market Revenue Share, by Key Country (2020 & 2028)

Figure 26. Saudi Arabia: Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 27. UAE: Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 28. South Africa: Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)

Figure 29. Rest of MEA: Submarine Power Cable Market – Revenue and Forecast to 2028 (US\$ Million)

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