

# **Underground Cabling EPC Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 – 2034**

<https://marketpublishers.com/r/U409EDFE6F5CEN.html>

Date: December 2024

Pages: 100

Price: US\$ 4,850.00 (Single User License)

ID: U409EDFE6F5CEN

## **Abstracts**

The Global Underground Cabling EPC Market was valued at USD 7.4 billion in 2024 and is expected to grow at a CAGR of 5.2% from 2025 to 2034. This growth is driven by factors such as urbanization, increasing energy demands, and a growing focus on aesthetics and environmental concerns. As urban areas expand, the demand for efficient and dependable power distribution systems rises. Underground cabling has become the preferred solution in densely populated areas, offering more reliability and fewer interruptions caused by adverse weather conditions. This makes underground systems ideal for both residential and industrial sectors that depend on continuous power supply.

Governments are investing heavily in upgrading infrastructure, particularly by replacing outdated overhead lines with underground cables. Environmental regulations and efforts to reduce visual pollution are also pushing cities to adopt underground solutions, particularly in residential and commercial districts. Furthermore, advancements in cable manufacturing and installation techniques are making underground cabling more affordable, accelerating its adoption in various sectors.

When looking at configuration, the single-core cable segment is expected to generate USD 6.3 billion by 2034. Single-core cables offer a cost-effective and simpler installation process compared to multi-core cables. This, along with lower maintenance and operational costs, makes them the preferred option for large-scale underground cabling projects, especially in urban infrastructure and industrial settings.

In terms of voltage levels, the low-tension segment in the underground cabling EPC market is projected to grow at a CAGR of 4.4% through 2034. As urbanization

intensifies globally, especially in emerging markets, the need for low-voltage power distribution systems in densely populated areas continues to rise. Low-tension underground cables are particularly well-suited to these areas, offering a reliable power distribution solution without the visual impact of overhead lines. Their safety benefits and minimal visual clutter make them increasingly popular in residential, commercial, and industrial settings.

U.S. underground cabling EPC market is expected to generate USD 1.8 billion by 2034. The growing preference for underground power distribution systems is driven by their space-saving and visually appealing nature, especially in urban and suburban areas. As electricity demand increases alongside urban development, underground cabling becomes essential for modernizing power distribution infrastructure to meet the needs of expanding populations and industries.

## Contents

### **CHAPTER 1 METHODOLOGY & SCOPE**

- 1.1 Market definitions
- 1.2 Base estimates & calculations
- 1.3 Forecast calculation
- 1.4 Data sources
  - 1.4.1 Primary
  - 1.4.2 Secondary
    - 1.4.2.1 Paid
    - 1.4.2.2 Public

### **CHAPTER 2 EXECUTIVE SUMMARY**

- 2.1 Industry synopsis, 2021 - 2034

### **CHAPTER 3 INDUSTRY INSIGHTS**

- 3.1 Industry ecosystem analysis
- 3.2 Regulatory landscape
- 3.3 Industry impact forces
  - 3.3.1 Growth drivers
  - 3.3.2 Industry pitfalls & challenges
- 3.4 Growth potential analysis
- 3.5 Porter's analysis
  - 3.5.1 Bargaining power of suppliers
  - 3.5.2 Bargaining power of buyers
  - 3.5.3 Threat of new entrants
  - 3.5.4 Threat of substitutes
- 3.6 PESTEL analysis

### **CHAPTER 4 COMPETITIVE LANDSCAPE, 2024**

- 4.1 Strategic dashboard
- 4.2 Innovation & sustainability landscape

### **CHAPTER 5 MARKET SIZE AND FORECAST, BY CONFIGURATION, 2021 – 2034 (USD MILLION, MILE)**

- 5.1 Key trends
- 5.2 Single Core
- 5.3 Three Core

## **CHAPTER 6 MARKET SIZE AND FORECAST, BY VOLTAGE LEVEL, 2021 – 2034 (USD MILLION, MILE)**

- 6.1 Key trends
- 6.2 Low tension
- 6.3 High tension
- 6.4 Super tension
- 6.5 Extra high tension
- 6.6 Extra super voltage
- 6.7 Ultra-High tension

## **CHAPTER 7 MARKET SIZE AND FORECAST, BY CONSTRUCTION, 2021 – 2034 (USD MILLION, MILE)**

- 7.1 Key trends
- 7.2 Belted
- 7.3 Screened
- 7.4 Pressure

## **CHAPTER 8 MARKET SIZE AND FORECAST, BY INSULATION, 2021 – 2034 (USD MILLION, MILE)**

- 8.1 Key trends
- 8.2 PVC
- 8.3 XLPE
- 8.4 Rubber

## **CHAPTER 9 MARKET SIZE AND FORECAST, BY INSTALLATION, 2021 – 2034 (USD MILLION, MILE)**

- 9.1 Key trends
- 9.2 Direct buried
- 9.3 Trough
- 9.4 Tunnels

## 9.5 GILs

## **CHAPTER 10 MARKET SIZE AND FORECAST, BY REGION, 2021 – 2034 (USD MILLION, MILE)**

### 10.1 Key trends

### 10.2 North America

#### 10.2.1 U.S.

#### 10.2.2 Canada

#### 10.2.3 Mexico

### 10.3 Europe

#### 10.3.1 UK

#### 10.3.2 France

#### 10.3.3 Germany

#### 10.3.4 Italy

#### 10.3.5 Russia

#### 10.3.6 Spain

### 10.4 Asia Pacific

#### 10.4.1 China

#### 10.4.2 Australia

#### 10.4.3 India

#### 10.4.4 Japan

#### 10.4.5 South Korea

### 10.5 Middle East & Africa

#### 10.5.1 Saudi Arabia

#### 10.5.2 UAE

#### 10.5.3 Turkey

#### 10.5.4 South Africa

#### 10.5.5 Egypt

### 10.6 Latin America

#### 10.6.1 Brazil

#### 10.6.2 Argentina

## **CHAPTER 11 COMPANY PROFILES**

### 11.1 Artech

### 11.2 Gupta Power

### 11.3 Kalpataru Power Transmission Limited

### 11.4 KEC International

11.5 MasTec

11.6 Nexans

11.7 Polycab

11.8 Prysmian Group

11.9 ZTT

## I would like to order

Product name: Underground Cabling EPC Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 – 2034

Product link: <https://marketpublishers.com/r/U409EDFE6F5CEN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/U409EDFE6F5CEN.html>