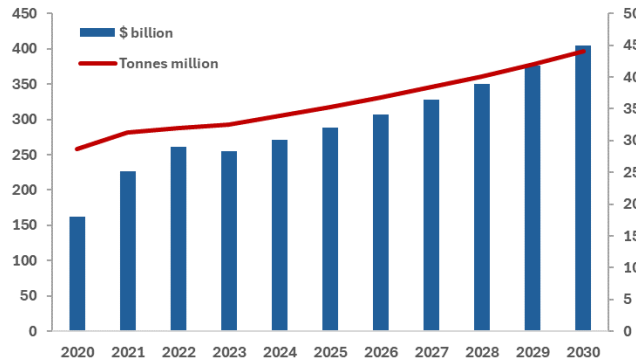


# Wire and Cable Report Ed 6 2024



## Demand for cables surges in 2021 and 2022

While global tonnage of cable and conductors has followed a roughly linear growth, the value of demand surged over 35% in 2021 and again in 2022 partly due to recovery from the Covid pandemic and because of a 50% rise in metals prices. The copper price stabilised and fell slightly in 2022. In 2023 demand of \$254 billion resumed a growth with cagr of 6.4% and is predicted to reach \$346 billion by 2028.

China is the largest market worth \$61 billion in 2023, followed by the United States with \$34 billion and India with \$20 billion. Their combined value will increase from \$115 billion in 2023 to \$134 billion in 2028.

Land-based underground cable was the largest category, worth \$62 billion in 2023. Insulated subsea cable is in fourth place with \$22 billion but has the highest growth of any cable with a cagr of 15.7%.

## Cable and conductor product categories

This report surveys the metallic wire and cable market, sizing and forecasting demand for insulated power cable, bare power conductors, metallic communications cable and low voltage cable used in utility networks and industry, auto and OEM producers.

**Comprehensive analysis** - data analysed by twelve cable and conductor categories, classified by type, application and material - copper, aluminium and steel.

**Market analysis** - the markets in 37 countries and 7 regions are analysed by the twelve product groups from 2023 to 2028.

## Production, imports, exports, consumption

Each country and region analysed by production imports, exports and demand.

## Competitive landscape and share analysis

A comprehensive outline of the 34 leading cable companies, ranking of companies in each market, global market shares of top 50 companies.

**232 pages, 32 figures, 138 tables**

### **New methodology**

A new methodology has been developed for this market report, which is more rigorous and sensitive to individual categories of wire and cable. The markets for each of the twelve cable products measured in this report was sized and forecast individually in each country. Tonnage for every product was established in the base year, forecast on a trend analysis basis from industry reports and the value of demand based on forecasts of materials cost in each year.

### **Product analysis**

The market in each country is analysed by twelve cable & conductor product groups.

1. Power cable network LV, MV, HV - copper- underground
2. Power cable network LV, MV, HV - copper- subsea
3. Power cable network LV, MV, HV - aluminium - underground
4. Bare conductor - copper - LV - overhead
5. Bare conductor AAAC - aluminium - LV, MV - overhead
6. Bare ACSR - aluminium and steel - HV, MV - overhead
7. Telecom cable (external) - copper
8. Other comms cable - (internal) - copper
9. Building wire < 600 V - copper
10. Magnet wire - copper
11. Auto wire & cable - copper
12. Other LV energy – copper

### **Outline and analysis of subsea markets for cable**

Outlines of the three subsea sectors; interconnectors, offshore wind and OGP (oil & gas production) and listing of subsea cable producers.

### **Land based underground cable**

Country analysis of underground cable penetration and technical descriptions.

### **Applications and technology of cables and conductors**

The different types of conductor and cable, applications, technology of insulation.

### **Superconductors**

Outline of the superconductor industry and state of commercialisation.

### **Railway lines**

National penetration of railway electrification, cable markets and technology.

### **PDF and Excel reports**

The PDF report contains statistics of the markets and descriptive marketing and industry analysis. The Excel database contains expanded statistical analysis of tonnage and \$ value demand, and detailed product analysis of imports and exports.

***For pricing please refer to the Order Form.***