

# **Wire & Cable Report Ed 5 2021**

## **The Global Market for Energy and Telecoms**

### **Wire and Cable**



**Production and sales are sized for energy and telecoms wire and cable for 2019 and forecast to 2026, globally, for the regions and for major countries. The forecast charts a drop in 2020 due to Covid 19 and recovery starting in 2021.**

**Production tonnage of cable and \$ sales revenue are plotted from 2001 to 2020, against the copper price in \$/tonne. The correlations show past consistency and enable reliable prediction of the value of future sales of wire and cable.**

- ◆ Product groups - Insulated Copper Power Cable, Insulated Aluminium Power Cable, Low Voltage Cable, Uninsulated Conductors, Metallic Telecoms Cable, Fibre Optic Cable, Winding Wire - Charted by country and region, from 2019 to 2026..
- ◆ Factors driving prices of cable analysed in detail - Commodity Prices, Production Capacity, Demand, Learning Rate.
- ◆ End user segments with shares -.Networks (utilities and industry), OGP, Railways, Transport, OEM, Automotive, Buildings, Metallic Communications, Fibre Optic.
- ◆ The most profitable product groups are identified with long-term growth prospects.
- ◆ Extensive analysis of the manufacturing sector, with overall vendor shares for Top .
- ◆ Market drivers in the utility sector, industrial and building network systems, the process and OEM industry.
- ◆ The price difference between copper and aluminium became significant in the early 2000s: rising from 1.2 in 2000 peaking at 4.0 by end of 2013 and now 3.5 in 2021. The report discusses cost, weight, conductivity, capacity, tensile strength and the flex ratio, the difference between the core price and the hollow price, leading to aluminium substitution for copper.
- ◆ Technologies of OHL bare conductors, underground and industrial insulated cable, subsea cable, fibre optic.

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- ◆ The report identifies several hundred cable manufacturers, with market shares within product segments.
- ◆ Profiles of 34 global leaders - **European** - Prysmian, Nexans, NKT High Voltage Cables (inc ABB), Cablel® Hellenic Cables, JDR, Tele-Fonica Kable, Leoni, **United States** – Southwire, General Cable (Prysmian), Parker Scanrope, Nexans Americable, Belden Inc, **Japanese** – Sumitomo, Fujikura, Furakawa, Hitachi, J-Power Systems (JPS), J-Power Systems Saudi Co, Yazaki, **Korea** - LS Cables, Taihan Electric Wire Co Ltd, Iljin Cable, **India** – Finolex, J-Power Systems Private Ltd (FJPS), Birla Cable Ltd, Polycab, **Chinese** - Zhongtian Technology [ZTT], Ningbao Orient Cable, Far East Cable Co Ltd, Wanda Group Holdings Co Ltd, Baosheng High Voltage Cable Co Ltd (BHVC).
- ◆ Insulated land cables and bare conductors are not the most profitable category of cable but they are stable long-term earners. The incidence of underground cabling is charted by country.
- ◆ A brief section deals with mechanical wire rope with market size and shares.
- ◆ The progress of superconductors is outlined; potentially one of the most important developments for the electrical sector in the future, with a review of the major companies and developers and research & industry bodies.

223 pages, 94 figures, 62 tables

**Methodology** - StatPlan has created a database of production and sales of cable, with sub-analysis of cable types, end users and core materials. This is up-dated continuously and each year in-depth interviews are conducted with wire and cable industry executives. Forecasts are derived from production, demand and copper/aluminium prices.

**Price: PDF £2,850, PDF & Excel £3,100**

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