The Cable Report 2015 (Second Edition)

Description:  This is the 2nd edition of the StatPlan Cable Report. The report sizes demand for insulated energy cable, bare energy conductors, metal telecoms cable, fibre optic cable, superconductors, winding wire and mechanical steel rope from 2015 to 2020.

The report estimates the global energy and communications wire and cable market at $186 billion in 2014. The report predicts future market trends in volume and value, and examines the factors affecting price. Production and manufacture are surveyed.

The global market, regions and 14 major countries are surveyed with detailed reports.

- Production
- Demand
- Analysis of end-user sectors
- Production capacity utilisation
- Manufacturer shares
- Regional surveys
- Major country surveys
- Market drivers
- Price trends
- Leading profit earners
- Superconductors, current status and market potential
- Metal theft

Contents:  Executive Summary

1. All Cable – Electrical Conductors and Mechanical Rope

2. Global Market Size – Electric Conductors and Communications Cables
   2.1. Metallic Wire & Cable – Production and Consumption
   2.2. Optical Fibre Cable - Million Km Consumption
   2.3. All Wire and Cables Consumption – Value $ Millions
   2.5. Comparison of Production in Tonnage and Consumption in Value
   2.6. Global Production By Region
   2.7. End-User Sectors
   2.9. International Trade

3. The European Wire and Cable Market
   3.1. Market Size
   3.2. the European Economy
   3.2.1. European Crisis of Public Debt
   3.2.2. the Common Eurozone Currency
   3.3. Wire and Cable Market East/West European Distribution
   3.3.A. Product Groups By Value
   3.4. Germany
   3.5.1. Economy
   3.5.2. Market By Product Group
   3.5.3. German Wire and Cable Manufacturers
   3.5. France
   3.6.1. Economy
   3.6.2. Market By Product Group
   3.6.3. French Wire and Cable Manufacturers
   3.6. Italy
   3.7.1. Economy
   3.7.2. Market By Product Group
3.7.3. Italian Wire and Cable Manufacturers
3.7. Spain
3.8.1. Economy
3.8.2. Market By Product Group
3.8.3. Spanish Wire and Cable Manufacturers
3.8. United Kingdom
3.9.1. Economy
3.9.2. Market By Product Group
3.9.3. UK Wire and Cable Manufacturers

4. The Cis Wire and Cable Market
4.1. Russia
4.1.1. Demand
4.1.2. Economy
4.1.3. Manufacturers

5. The Chinese Wire and Cable Market
5.1. Demand
5.2. Market By Product Group
5.3. International Trade
5.4. Certification
5.5. Market Gaps
5.6. End Users
5.6.1. Power Sector
5.6.2. Nuclear Power
5.6.3. Wind Power
5.6.4. Solar Power
5.6.5. Telecommunication Industry
5.6.6. Construction
5.6.7. Automotive Industry
5.7. Manufacturers
5.7.1. Key Manufacturers
5.8. Counterfeit Cables

6. The Asia Pacific (Excluding China) Wire and Cable Market
6.1. Japan
6.1.1. Demand
6.1.2. Economy
6.1.3. Production
6.1.4. Manufacturers
6.2. Korea
6.2.1. Demand
6.2.2. Economy
6.2.3. Manufacturers
6.3. Taiwan
6.3.1. Demand
6.3.2. Economy
6.3.3. Manufacturers
6.4. India
6.4.1. Demand
6.4.2. Economy
6.4.3. End Users
6.4.4. Manufacturers
6.4.5. Informal Sector
6.4.6. Counterfeit Cables
6.4.7. Standards
6.4.8. Foreign Investors

7. The Middle East and Africa Wire and Cable Market
7.1. Middle East
7.1.1. Demand
7.1.2. Economy
7.1.3. Manufacturing
14.5.4. the Copper Value Chain 
14.5.5. the Copper Trade 

15. Product Segments, Insulated Land Cables – Hv, Mv & Lv 
15.1. Overview 
15.2. Underground Cabling in the Utility Sector 
15.3. Regional Analysis 
15.4. Drivers for Underground Cables 
15.5. High Costs 
15.6. Impact of Urbanisation 
15.8. Insulated Land Cable in the Industrial Sector 

16. the Marine Market- Offshore Wind Power, Oil & Gas 
16.1. Overview 
16.2. Oil and Gas Offshore Market 
16.2.1. Topside Cables 
16.2.2. Transmission 
16.2.3. Subsea Market 
16.3. Offshore Wind Power 
16.3.1. Electrical System Overview 
16.3.2. Collection System 
16.3.3. Floating Foundations 
16.3.4. Transmission System 
16.3.5. Hvac/Hvdc 
16.4. Key Country Markets for Offshore 
16.4.1. German Offshore Wind Power 
16.4.2. UK Offshore Wind Power 
16.4.3. United States Offshore Wind Power 

17. Product Markets, Submarine Cables 
17.1. Overview 
17.2. Demand for Submarine Cables 
17.3. Manufacturers 
17.4. Development of Submarine Cable 
17.5. Technology for Submarine Cables 
17.6. Cable Laying 
17.7. Legal Considerations 
17.8. Hazards to Submarine Cables 

18. Product Segments, Surf – Subsea Umbilicals Risers and Flowlines 
18.1. Overview 
18.2. Pre-Salt & Post-Salt Reserves 

19. Product Segments, Industrial Applications 
19.1. Transport - Cable, Wires and Wiring Harnesses 
19.1.1. Aircraft 
19.1.2. Shipping 
19.1.3. Automobiles 
19.2. Mining 
19.3. Construction 
19.4. Terrestrial Wind Power 
19.5. Manufacturing and Process Industry 

20. Product Markets, Electric Railways 
20.1. History and Development 
20.2. Power Delivery 
20.3. Electrified Railway Lengths By Country 
20.4. Traction Systems 
20.5. The Future of High Speed Rail 
20.5.1. Europe 
20.5.2. United States 
20.5.3. Russia 
20.5.5. Africa
20.6. Other Railways and Light Railways - Electrification
20.7. The Scale of the Challenge for Rail Transport

21. Advanced Technology, Superconductors
21.1. The Discovery of Superconductivity
21.2. Advantages of Superconductor Cable
21.2.1. Higher Current-Carrying Capacity
21.2.2. Low Impedance
21.2.3. Rights-Of-Way
21.2.4. Very Low Emf
21.2.5. Lower Life-Costs for the System
21.3. Challenges to be Overcome
21.3.1. High Initial Cost
21.3.2. Cryogenic Refrigeration System (CRS)
21.3.3. Splicing of the HTS Cable
21.4. Current Status of Superconductor Use
21.4.1. Under Construction
21.5. Promoters
21.6. Manufacturers
21.7. Future Market for HTS Superconductors in Utilities

22. Metal Theft
22.1. Overview
22.2. Outlook

23. Cable Properties
23.1. Tensile Strength
23.2. Flexibility or Flex Ratio
23.3. Conductivity
23.4. Weight
23.5. Cost

Figures:
Figure 1: Categories of rope, cable and conductor
Figure 2: The total cable market, mechanical and electrical, 2013
Figure 3: Metallic wire and cable production, tonnes, 2000-2020
Figure 4: Metallic wire and cable consumption excluding fibre optical cable, $ million, 2000-2
Figure 5: Fibre optical cable consumption, km and price per km, 2000-2020
Figure 6: Fibre optical cable consumption, $ million, 2000-2020
Figure 7: All wire and cable consumption, $ million, 2000-2020
Figure 8: All wire and cable consumption by type, $ million, 2000-2020
Figure 9: The split between bare conductors, insulated energy cable and all other cable, $ million, 2000-2020
Figure 10: Wire and cable consumption by region, $ million, 2000-2020
Figure 11: World consumption of wire and cable in value and production in weight 2000-2020
Figure 12: Wire and cable production by region, thousand tonnes, 1990-2013
Figure 13: Wire and cable production by region, thousand tonnes, 2000-2020
Figure 14: Global consumption of wire and cable by end-user sector, %, 2014
Figure 15: Global consumption of wire and cable by type, $ million, 2014
Figure 16: Global consumption of wire and cable by type, $ million, 2014
Figure 17: Geographical distribution of imports and exports
Figure 18: European consumption of wire and cable in value 2000-2020
Figure 19: European consumption of wire and cable in value and production in weight 2000-2020
Figure 20: The European market split between Western Europe, Eastern Europe, 2000 to 2020
Figure 21: The European market for wire and cable by country, shares in value 2000 and 2014
Figure 22: Western Europe consumption by country, $ million, 2000-2020
Figure 23: Eastern Europe consumption by country, $ million, 2000-2020
Figure 24: European consumption by product group, major countries, $ million, 2013
Figure 25: German consumption of wire and cable in value 2000-2020
Figure 26: German consumption by product group, $ million, 2000-2020
Figure 27: French consumption of wire and cable in value 2000-2020
Figure 28: French consumption by product group, $ million, 2000-2020
Figure 29: Italian consumption of wire and cable in value 2000-2020
Figure 30: Italian consumption by product group, $ million, 2000-2020
Figure 31: Spanish consumption of wire and cable in value 2000-2020
Figure 32: Spanish consumption by product group, $ million, 2000-2020
Figure 33: United Kingdom consumption of wire and cable in value 2000-2020
Figure 34: United Kingdom consumption by product group, $ million, 2000-2020
Figure 35: Russian consumption of wire and cable in value 2000-2020
Figure 36: Market shares of cable accessory suppliers in Russia
Figure 37: Chinese consumption of wire and cable in value 2000-2020
Figure 38: Chinese consumption by product group, $ million, 2000-2020
Figure 39: Japanese consumption of wire and cable by value 2000-2020
Figure 40: Japanese consumption of wire and cable by product segment, 2000-2020, $ million
Figure 41: Korean consumption of wire and cable by value 2000-2020
Figure 42: Taiwanese consumption of wire and cable by value 2000-2020
Figure 43: Indian consumption of wire and cable by value 2000-2020
Figure 44: Indian consumption by product group, $ million, 2000-2020
Figure 45: % market share of principal wire and cable producers in India, 2014
Figure 46: Middle Eastern consumption of wire and cable in value 2000-2020
Figure 47: African consumption of wire and cable in value 2000-2020
Figure 48: US consumption of wire and cable by value 2000-2020
Figure 49: US consumption by product group, $ million, 2000-2020
Figure 50: Wire and cable production in the USA, $ million, 2011
Figure 51: Latin American consumption of wire and cable in value 2000-2020
Figure 52: the Latin American market for wire and cable in value, Brazil, Mexico and the rest of LAC, 2000-2020
Figure 53: Brazilian consumption of wire and cable in value 2000-2020
Figure 54: Brazilian consumption by product group, $ million, 2000-2020
Figure 55: Mexican consumption of wire and cable in value 2000-2020
Figure 56: Mexican consumption by product group, $ million, 2000-2020
Figure 57: Wire rope manufacturers and market shares
Figure 58: Long term growth and profitability
Figure 59: the top cable manufacturers by share (54% of global production)
Figure 60: Electrification of the world
Figure 61: the growth of internet and mobile telephony, 2005-2014
Figure 62: FTTX variants
Figure 63: Inflation 2005 to 2015
Figure 64: Average annual investment in T&D infrastructure
Figure 65: Market capitalisation of selected European utilities
Figure 66: RWE Profit and loss
Figure 67: Millions of light vehicles sold globally from 2013 and projected to 2020.
Figure 68: Optical fibre cables and copper cables.
Figure 69: Cost of manufacture of cable
Figure 70: Materials used in cables
Figure 71: Prices of copper and aluminium 1960-2014
Figure 72: World metal consumption
Figure 73: Copper prices 2007-2013
Figure 74: Aluminium prices
Figure 75: Comparison of market estimate in $ with market size calculated from tonnage LME average spot prices, 1998-2013
Figure 76: Underground cable as a percent of the total network in European countries
Figure 77: Underground cable as a percent of the total network in CIS countries
Figure 78: Underground cable as a percent of the total network in MENA countries
Figure 79: Underground cable as a percent of the total network in Asia Pacific countries
Figure 80: Underground cable as a percent of the total network in Pacific countries
Figure 81: Market shares of different offshore segments
Figure 82: Undersea communications cables linking the world
Figure 83: Production of light vehicles, 2000-2020
Figure 84: An onshore wind turbine installation
Figure 85: Overhead line for rail traction
Figure 86: Scrap metal prices

Tables:
Table 1: Types and end users of wire, cable and rope
Table 2: Industries within the Industrial segment
Table 3: German cable manufacturers
Table 4: French cable manufacturers
Table 5: Italian cable manufacturers
Table 6: Spanish cable manufacturers
Table 7: UK cable manufacturers
Table 8: Russian cable manufacturers
Table 9: Chinese cable manufacturers
Table 10: Japanese cable manufacturers
Table 11: Korean cable manufacturers
Table 12: Taiwanese cable manufacturers
Table 13: Middle Eastern cable manufacturers
Table 14: African cable manufacturers
Table 15: Company shares of market segments, United States, 2011
Table 16: Summary of wire and cable forecasts 2014 – 2020, by country and region, $ billion
Table 17: the top global cable manufacturers by industry
Table 18: the top cable manufacturers by country
Table 19: Manufacturers of subsea power cable and communications cable
Table 20: Electrified railways throughout the world, 2014
Table 21: Installed superconductors
Table 22: Tensile strength of selected materials
Table 23: Average conductivity of metals

Ordering:
Order Online - http://www.researchandmarkets.com/reports/3209880/
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

<table>
<thead>
<tr>
<th>Product Name:</th>
<th>The Cable Report 2015 (Second Edition)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Web Address:</td>
<td><a href="http://www.researchandmarkets.com/reports/3209880/">http://www.researchandmarkets.com/reports/3209880/</a></td>
</tr>
<tr>
<td>Office Code:</td>
<td>SCH34LKR</td>
</tr>
</tbody>
</table>

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>USD 3564</th>
<th>USD 7128</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title:  Mr  Mrs  Dr  Miss  Ms  Prof
First Name: ___________________________  Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ___________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ____________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World