

The CRU logo is a white square with rounded corners containing the letters 'CRU' in a bold, sans-serif font.

CRU

Data, Insight,
Strategy &
Communities

The background of the entire page is a close-up photograph of several electrical cables. The cables have blue and white outer sheaths, and their copper conductors are exposed at the ends, fanning out towards the top of the frame. The lighting is dramatic, with some conductors appearing to glow.

Wire and Cable Services



Shaping the future of wire and cable with trusted insights

Independent expertise meets actionable intelligence to lead with confidence in a dynamic world.

The wire and cable markets are evolving rapidly, driven by the rise of electrification, 5G networks and renewable energy systems. CRU's expert analysis and independent data provide the clarity you need to seize emerging opportunities and navigate market uncertainty.

With nearly 30 years of expertise and a global network of analysts, CRU has become the benchmark for optical fibre pricing, offering industry-leading assessments for bare fibre prices in China, Europe, India and the US. We set the standard for actionable intelligence across wire and cable markets, spanning optical fibre, metallic cables and HV/EHV systems



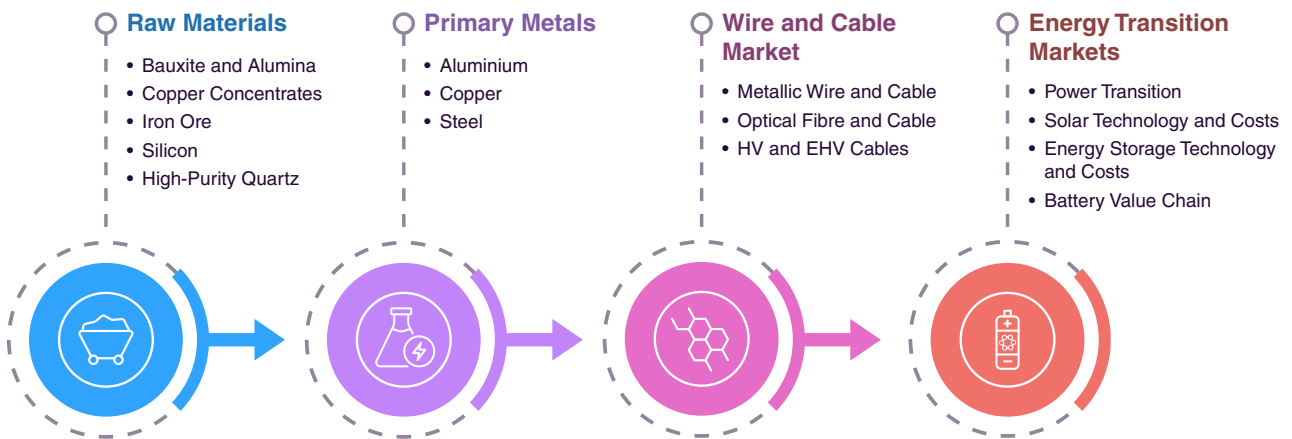
Production
Data

Price
Tracking

Market
Forecasts

Comprehensive commodity coverage

CRU's coverage spans the entire wire and cable value chain—from raw materials to energy transition markets.



Electrification, energy and data fuel growth in cable demand

Projected growth in key sectors is driven by the shift to cleaner energy and technological advancements. Seize opportunities, optimise procurement and stay ahead of market trends.

							
	Solar PV	Onshore Wind	Offshore Wind	Electric vehicles	HV land	HV subsea	Data centres
2024-2030 CAGR%	+8.0%	+6.9%	+22.7%	+18.9%	+6.2%	+25.1%	+22.4%
% of 2024 Insulated cable global demand	6.4%	1.8%	1.1%	1.9%	1.4%	0.6%	1.2%

DATA: Metallic Wire and Cable & Electricity Transmission Services

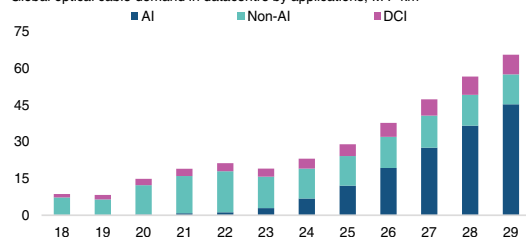
Your *independent partner* in wire and cable intelligence

- Close to three decades of unrivalled expertise in wire and cable markets.
- Seamless integration of industry-specific (e.g. copper and aluminium value chain) and macroeconomic insights for a 360-degree view.
- Comprehensive analysis of the current and future state of the industry, including market conditions, prices development, trade flows, production and consumption data.
- Access to a global wire and cable producer database spanning 50+ countries, 500+ facilities and 1,000+ offshore wind and interconnector projects for HV and EHV cable market
- Trusted globally by leading manufacturers, investors and decision-makers for data that is both rigorous and actionable.
- Personalised support from a team of analysts dedicated to helping you succeed.

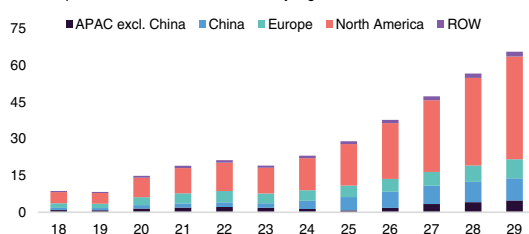
The surge in optical cable demand driven by AI applications in data centres

This trend presents emerging market opportunities—stay ahead of demand shifts and optimise your strategy in the evolving wire and cable sector.

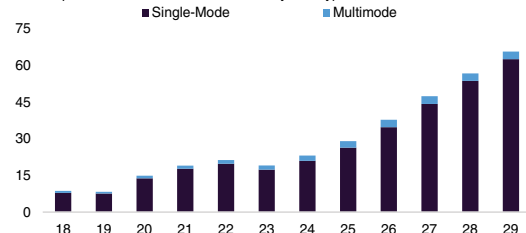
Global optical cable demand in datacentre by applications, M F-km



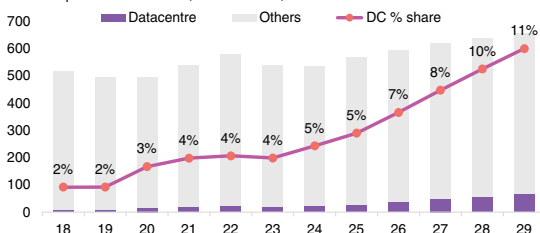
Global optical cable demand in datacentre by regions, M F-km



Global optical cable demand in datacentre by fibre types, M F-km



Global optical cable demand, DC vs. others, M F-km and % share



DATA: Optical Fibre and Cable Service

Trusted *intelligence*, tailored for your business

With rigorous forecasting and sector-specific insights, CRU equips you with the tools to outperform your competitors.

Our wire and cable coverage — Metallic Wire and Cable, Optical Fibre and Cable, and Electricity Transmission Services — delivers the market data and insights you need to stay ahead of trends.

Comprehensive data you can depend on:

- Five-year forecasts for production, consumption and trade across all major wire and cable categories, including optical fibre pricing for bare fibres in China, Europe, India and the US, as well as HV/ EHV cable project data.
- Sector-specific insights covering renewables, EVs, data centres and infrastructure.

Rigorous reporting:

- Quarterly market outlooks and bi-monthly updates on the latest trends and developments.
- Comprehensive country profiles and dynamic Excel data.

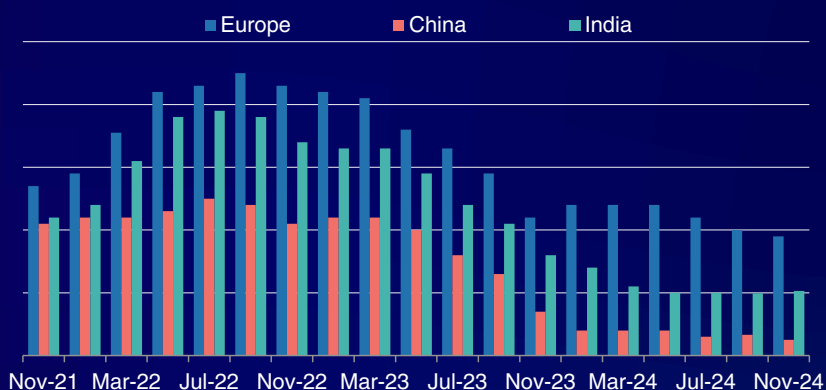
Access to expertise when you need it:

- Direct access to CRU's global wire and cable analysts for tailored support.

Track optical fibre price trends across key regions

Monitor regional price fluctuations and make informed trading decisions and refine your market strategy.

G.652D bare fibre domestic spot prices, \$ /F-km (excl. VAT/GST)



DATA: Optical Fibre and Cable Service

Unparalleled *insight* across value chains

Equip your decision-making with best-in-class data and analysis, from price assessments to detailed forecasts and tailored support.

Service packages can be tailored to the market insight, access and support required

Service features	Classic	Premium
CRU online access	✓	✓
CRU price assessment	✓	✓
Market data and prices	✓	✓
Market analysis & commentary	✓	✓
Policy	✓	✓
Macro-economic commentary	✓	✓
Medium-term forecast data & analysis (5 year)	✗	✓
Macro-economic data	✗	✓
Ad-hoc webinars	✓	✓
Access to analysts	Limited access	Full access
Access to DataLab and *API	✓	✓

[See a full list of our Base Metals and Battery Materials Services](#)

Trusted *partner* across industries

For Producers, Suppliers and End-Use Customers:

- Harness data-driven insights to develop tailored mid- to long-term business strategies.
- Utilise detailed country and product-specific data to uncover new market opportunities and benchmark business performance against industry peers.
- Streamline processes with granular production insights for improved efficiency.
- Gain a competitive edge with unmatched demand modelling and precise price benchmarking.

For Traders and Distributors:

- Sharpen trading strategies with supply, demand and trade market intelligence, along with clear insights into price trends and movements.
- Sharpen your procurement and trading strategies with quarterly updates and insights into near-term market developments and performance-focused reports.

For Investors and Policymakers:

- Identify and capitalise on high-growth opportunities with market-leading intelligence.
- Design sustainable strategies informed by the latest global trends in electrification and digitalisation.

[See more of the industries we cover](#)



Delivering *real results* in wire and cable markets

- A European optical cable producer reduced procurement costs by 30% and diversified its supply base, leveraging CRU's bare fibre price assessments and global production facility database.
- An Asian wire and cable producer strategically decided to establish state-of-the-art subsea cable manufacturing facilities in Europe and the US guided by CRU's HV/EHV subsea cable demand, supply and capacity market analysis.
- A Chinese optical fibre and cable producer leveraged CRU's market intelligence and trade policy insights to strategically decide on the location for their next global expansion amid a complex trade landscape.
- A global chemical conglomerate manufacturing insulation material for the wire and cable industry regularly uses CRU's data to evaluate their business performance against competitors in each regional market.

Delivering value through *specialised services*

Beyond wire and cable, CRU offers specialised services, supporting the energy transition across key sectors, including power and energy storage.

Power Transition Service

- Offers independent analysis of the global energy transition landscape. It delivers in-depth insights into power market trends, renewable energy developments, and the technologies driving decarbonisation. With forward-looking data and forecasts, it ensures you stay ahead of the curve and seize emerging opportunities in the transition to cleaner energy.

[Learn more](#)

Electricity Transmission Service

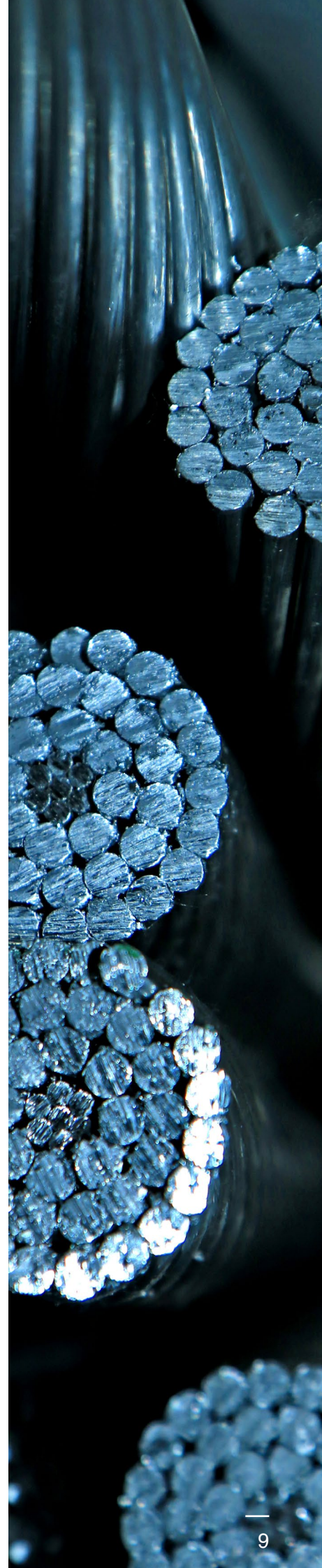
- This service provides comprehensive demand and supply forecasts, and data-driven insights that help you understand market trends, evaluate sector growth and make informed decisions to capitalise HV/EHV land and subsea cable market growth opportunities.

[Learn more](#)

Energy Storage Technology and Cost Service

- Provides independent analysis of global energy storage markets, offering clarity on technology advancements, cost trajectories, and market potential. With detailed forecasts and actionable insights, it empowers you to capitalise on opportunities in this critical sector of the energy transition.

[Learn more](#)



Bespoke support for strategic projects

Experience counts and CRU has the strongest pedigree in advising the world's biggest technological and industrial businesses on game-changing strategies. From decarbonisation initiatives to ensure compliance with upcoming policy changes, we have advised thousands of organisations through countless scenarios, including:

- Strategic planning: Acquisitions and growth, emissions and procurement
- Market decisions: Specialised market studies, lenders' market reportst
- Valuation support: Feasibility studies, M&A support, specialised valuation of business elements
- Negotiation support: Assistance with contract reviews, negotiation and risk assessment
- Operational improvements: Performance assessment, supply chain reviews, supplier assessment
- Policy analysis and advocacy: Independent market assessment and industry impact

Contact us

For more information on
CRU's Wire and Cables Services:

Request a *demo* now

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