



# Expect something special

from your system partner  
for advanced connection technology

LAPP products are available from

## MARYLAND METRICS

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**LAPP SYSTEMS**

Customized Connections

Lapp Index Page: <http://mdmetric.com/elect/contents.htm>

# Excellence from start to finish

Everyone knows the saying about looking for a needle in a haystack – not even the brightest ones are visible at first glance. What about the one about being unable to see the wood for the trees? Both sayings are about the same thing – finding what you need. If you are search-

ing for a system partner for advanced connection technology with a worldwide network, then you need look no further. As a supply chain partner, the services of Lapp Systems are available from a single source, taking in everything from project management, engi-

neering and documentation to production, testing, logistics and service. We are on hand to help, regardless of whether you need custom-made cable systems or require our services in the role of external process integrator. All 230 employees of Lapp Systems GmbH at our

sites in Stuttgart, Much near Cologne and Holesov in the Czech Republic know what our customers expect – excellence from start to finish.

“ We enjoy the best of both worlds. Our positioning in the Lapp Group gives us a global presence, while our independence ensures we can act quickly and flexibly. ”

Siegbert E. Lapp, Director of Lapp Systems GmbH and member of the board of Lapp Holding AG

Our employees' expertise means you can have trust in our solutions.





No matter where our production sites are located – be it in Europe, America or Asia –, product quality is always the top priority.

## Raising the bar

No dictionary is ever able to provide a satisfactory definition of the term „excellence“, because customers raise the bar depending on their individual requirements. And you're right to set your sights high. Lapp Systems can overcome the highest obstacles. Why? Thanks to our close ties with the Lapp Group, we can draw on more than 45 years

of manufacturing experience and have production sites in Germany, Switzerland, France, Italy, the Czech Republic, Sweden, India, Korea, China and the U.S. In the Lapp Group, internationality means more than just a worldwide presence. It stands for globally standardized processes and product quality coupled with detailed know-how of

the markets and country-specific standards. Our employees work with customers around the world to develop both standard and special solutions at competitive prices – from single, prefabricated conductors to turnkey cable systems. If you are looking for run-of-the-mill solutions, then you have come to the wrong place. We supply high-quality

products in line with the international standard DIN EN ISO 9001, with TS 16949 scheduled for 2010. We sometimes forget to highlight our innovative strength in everyday life, because the numerous clever improvements have long since become an integral part of our day-to-day business.

“ Ideally, connections should last a lifetime. We do everything we can in the field of custom-made cables to ensure that this is the case. ”

Werner Becker, Director of Lapp Systems GmbH



Even under the toughest conditions, such as those at this offshore wind farm, our technology ensures fault-free connections.



As a member of the Lapp Group, we have access to the expertise of a high-quality cable manufacturer built up over decades.

## The Lapp Group – a strong partner

Once you've started something, you've got to follow through. And this is where our expertise really comes into its own. As we are a fully-owned company of the Lapp Group, anyone working with Lapp Systems also benefits directly or indirectly from the experience of a long-standing global player.

Let's take a quick look at the Group's history. In 1957, company founder Oskar Lapp developed ÖLFLEX®, the world's first industrially manufactured control cable. Today, 3,000 employees develop, produce and sell more than 40,000 products worldwide for this long-established family-owned

company. With 17 manufacturing sites, 39 company-owned sales operations, more than 100 foreign representations, and headquarters in Stuttgart, Germany, the Lapp Group is present in all key markets, with sales exceeding €1 billion in the 2006/2007 financial year. Its portfolio includes cables,

cable technology, spiral cables, industrial connectors, data lines, fibre optic cables and cable marking systems. Supported by this manufacturing expertise, you can expect advanced solutions from Lapp Systems.

**“ Our customers can expect a fair price, high quality and flexibility from our custom-made services. ”**

Christian Gwosdek, General Manager of Lapp Systems GmbH



# Your industry, our expertise

Lapp Systems specializes in:

- Mechanical engineering
- Drive engineering
- Commercial vehicles
- Automotive (high-voltage cabling / hybrid technology)
- Medical electronics
- Robotics
- Telecommunications
- Metrology
- Traffic engineering
- Wind energy
- Agricultural technology
- Stage technology

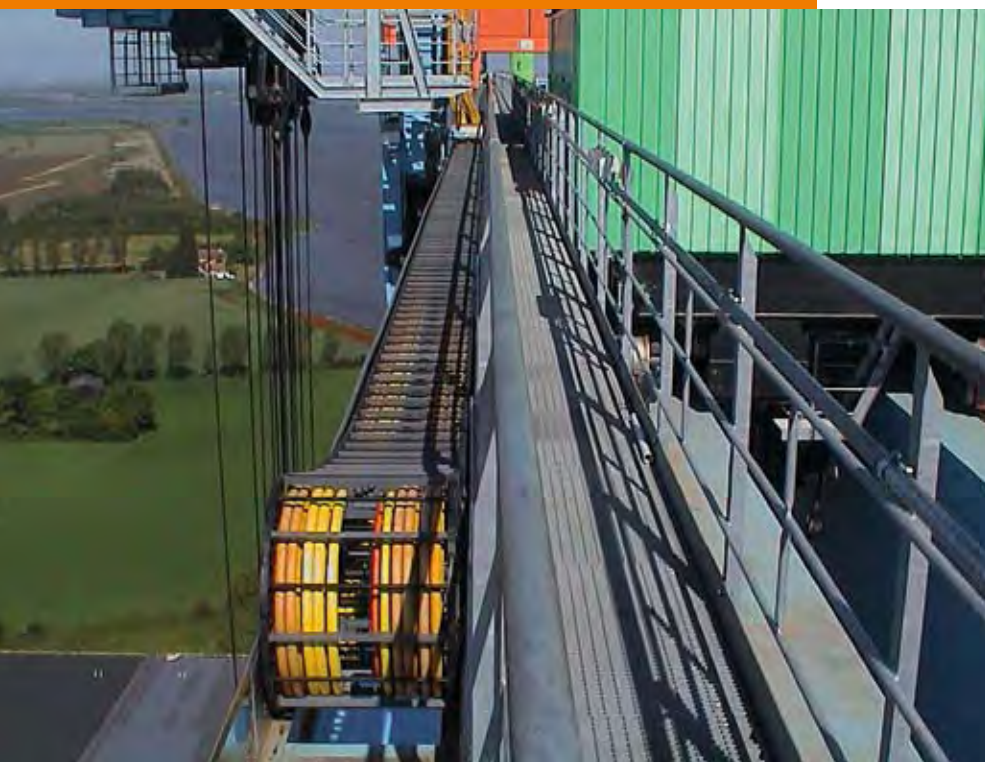
## It's a win-win situation

With Lapp Systems as a partner, you can concentrate on what you do best – your core business. We're more than just a link in the chain. Our employees provide you with engineering know-how along the entire

value-added chain, thereby cutting costs and increasing the quality of the connection technology in your products. Lapp Systems supplies perfectly matched customized products of the highest quality, such as ca-

bles and the associated connector technology. Overall, you are more competitive because we offer fast production, guarantee fast delivery times, and take on storage and logistics services, which means the prod-

ucts and systems are ready for implementation immediately. In other words, you're safe in the knowledge that you can count on an experienced and strong partner.



Movement is always a challenge for cable systems. Our power chains are the ideal solution.



Our team of engineers and technicians provides support right from the engineering phase for products and applications.

# Our product portfolio

Lapp Systems supplies custom-made, prefabricated cable systems, special spiral cables, power chain systems, and special applications with and without moulding:

## Cable systems

- Complete cable sets for mechanical engineering, the commercial vehicle industry, and many more
- Motor cables (signal and power) that are compatible with commercial standards and special solutions
- Pre-wired switchgear units for electronic and control systems
- High-voltage cabling (hybrid, etc.)
- Individual prefabricated conductors
- High-temperature cables with special heat-resistant connectors
- Ready-to-install connection cables with special connectors
- Prefabricated fibre optic cables (plastic fibres and fibre glass)
- Special customized solutions

## Spiral cables

- Spiral cables for trucks (supply and EBS/ABS coils)
- Spiral cables made from standard wires
- Spiral cables made of customer-specific wires
- Spiral tubing with individual conductors and wires
- Special tapered designs

## Power chain systems

- Ready-made power chains fitted with cables
  - With hydraulic and pneumatic cables
  - With mechanical connection technology
  - In plastic and metal designs

## Special applications

- Cabling systems for robot applications (including tubing packages, etc.)
- Fabric tape cables for power and data systems
- Fabric tapes to customer specifications
- Alternatives to traditional methods (Travelling cables for stage technology, as drag chains in mechanical engineering or in the electrical installation of elevators)



High-tech systems, such as this telescope on Tenerife, also demand sophisticated special solutions for their cabling system.



We will find the right solution for your application – even if we have to develop one specifically for you.

## Do you want to know more?

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ÖLFLEX®

UNITRONIC®

HITRONIC®

SKINTOP®

SILVYN®

EPIC®

FLEXIMARK®

ETHERLINE®

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