

Press release

Industry / Electronics

Data centers: LAPP, a global supplier of cables and connectors, develops highly fire-resistant materials to meet the needs of a strategic market

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Global industrial cable manufacturer LAPP stands out in the rapidly growing data centre market with its range of B2ca-rated, highly fire-resistant cable equipment.

Drawing on its centers of excellence in France and Italy for production, LAPP supports European digital sovereignty through local manufacturing and supply chain control.

Data centers: a market with high equipment requirements

At a time when France and Europe more generally are accelerating the deployment of data centres to meet the challenges of the cloud, artificial intelligence and digital sovereignty, LAPP intends to position itself as a leading partner for players in the sector.

According to an analysis by Savills, 94 new data centre projects are planned in Europe over the next four years.

Protecting strategic infrastructure

In data centers, which are energy-intensive sites subject to high thermal constraints and extreme service continuity requirements, fire resistance standards for equipment and materials are stringent.

These standards also apply to the hundreds of kilometers of cables that connect the building's power supply, control systems, security devices, cooling systems, batteries, etc.

A fire in a data centre represents a considerable economic cost. The cost of an operational shutdown can reach between £200,000 and £400,000 per hour, including operating losses, equipment damage, contractual penalties and interruptions to critical services.

LAPP is one of the few cable manufacturers to have mastered all CPR fire classifications up to the highest level¹, class B2ca.

This **highly specific industrial expertise** combines mastery of materials, cable architectures and manufacturing processes. Depending on the application, LAPP designs cables incorporating XLPE insulation, halogen-free LSZH sheathing, concentric or braided shielding, and structures that strictly limit the spread of fire.

Being able to offer the full range of CPR classes, from Dca to B2ca depending on the application, requires sophisticated engineering and a thorough understanding of the constraints in the field. It is this

¹ Construction Products Regulation - European Regulation on Construction Products.

These standards govern the behaviour of materials and equipment in the event of fire, in terms of flame spread, smoke emission and protection of critical systems. This fire risk affects the safety of people, the protection of equipment and the continuity of digital services.

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expertise that enables LAPP to support demanding projects where fire safety is a key factor in operational continuity.

An industrial base in France to serve European data centers

LAPP has **production sites** in France (Moselle and Var) and Italy, which design and manufacture industrial cables for a wide variety of critical uses.

These sites supply the French and European markets, with a focus on industrial proximity, process control and reducing dependencies.

This positioning is part of a broader strategy for the group, which aims to strengthen production capacity in Europe in order to meet the challenges of security, reliability and continuity of digital infrastructures.

LAPP affirms its commitment to making a concrete contribution to European digital sovereignty. The data center market is set to become a strategic growth area for the group in the coming years. It allows us to fully express our differentiation as a leading manufacturer of equipment adapted to specific uses and constraints.

About LAPP

A family-owned company founded in Germany in 1959, LAPP now employs around 5,700 people worldwide, manufactures at 35 production sites and sells in more than 80 countries. In 2025, LAPP achieved a consolidated turnover of €1.82 billion.

About LAPP in UKI

LAPP Limited, with locations in Greenford, UK, and Wexford, Ireland, has been the UKI sales organization for the leading multinational LAPP since 1980 in the UK and since 2021 in Ireland.

For more information: Lapp

Images

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