

We keep
your industry
alive

LAPP Camuna Cavi Company Profile



From concept to execution. We bring your ideas to life



THERMOCOUPLE CABLES Thermocouple Extension Cables



ÖLFLEX® POWER Power Cables



ÖLFLEX® INSTRUM Instrumentation Cables



HITRONIC® Optical transmission systems

“ Because our aspiration is clear: to create, for each customer, the solution that sets them apart from the competition. ”

Reference Markets



CPR & CIVIL INFRASTRUCTURE



WIND OFFSHORE



TUNNELS & UNDERGROUNDS



DATA CENTERS

with a full spectrum of services and strategic solutions

With years of dedicated research, **development**, and **innovation**, we have perfected our expertise to provide **tailor-made cable** solutions for a wide range of applications. Our commitment to quality and performance has earned us a place on the vendor lists of many renowned EPC contractors worldwide. Whether it's a complex project or a specific application requirement, **LAPP Camuna Cavi** is your trusted partner for reliable, high-performing cables designed to meet the most demanding standards.



OIL&GAS



PETROCHEMICAL & FERTILIZER



HYDROGEN & BIOGAS



ENERGY

UNITRONIC®
Data communication systems



ÖLFLEX® CONTROL
Control Cables



ETHERLINE®
Data communication
systems for Ethernet technology



HYBRID
Hybrid Cables



Customisation is always an option for all our products



THERMOCOUPLE CABLES

Conductor: Thermocouple Alloys, solid

Insulation: PVC, TPO, PE, XLPE, HEPR, XLPO and MGT/XLPE for fire resistant

Screen: individual or collective AL/PET, Cu/PET, CWB, TCWB

Jacket: PVC, LSZH (SHF1 or SHF2), HDPE

Armour: SWA, SWB, STA, TCWB

Applicable moisture barrier: AL/HPE/PA or Lead Sheath



ÖLFLEX® POWER

Conductor: Bare or tinned copper, stranded

Insulation: PVC, TPO, PE, XLPE, HEPR, XLPO and MGT/XLPE for fire resistant version

Jacket: PVC, LSZH (SHF1 or SHF2), HDPE

Armour: SWA, SWB, STA, TCWB

Applicable moisture barrier: AL/HPE/PA or Lead Sheath

Insulation grade: 600/1000 V, 1800/3000V

Approvals:



ÖLFLEX® INSTRUM

Conductor: Bare or tinned copper, solid or stranded

Insulation: PVC, TPO, PE, XLPE, HEPR, XLPO and MGT/XLPE for fire resistant version

Screen: individual or collective AL/PET, Cu/PET, CWB, TCWB

Jacket: PVC, LSZH (SHF1 or SHF2), HDPE

Armour: SWA, SWB, STA, TCWB

Applicable moisture barrier: AL/HPE/PA or Lead Sheath

Insulation grade: 300/500V, 600/1000 V

Approvals:



HITRONIC®

Conductor: Glass Fiber

Tube: Central Loose Tube, Multitube

Jacket: PVC, LSZH (SHF1 or SHF2), HDPE

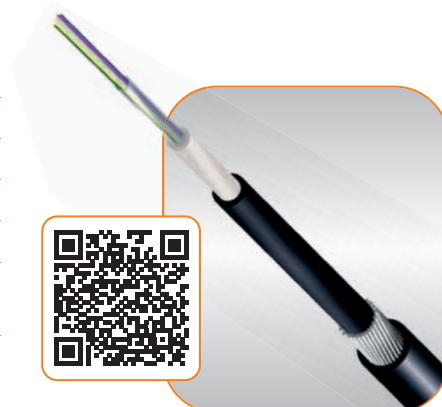
Armour: SWA, SWB

Applicable moisture barrier: AL/HPE/PA or Lead Sheath

Single mode: E9 OS2, Multimode G 62.5 OM1, Multimode G50 OM2, Multimode G50 OM3

Types of Optical Fiber: Single Mode E9 OS2, Multimode G 62.5 OM1, Multimode G50 OM2, Multimode G50 OM3

Approvals:





UNITRONIC®

Application: Serial bus systems

Conductor: Bare stranded copper

Insulation: PE, LSZH

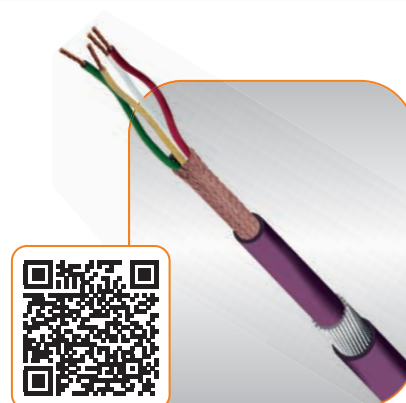
Screen: collective AL/PET, CWB, TCWB

Jacket: PVC, LSZH (SHF1 or SHF2), HDPE

Armour: SWA, SWB, STA, TCWB

Applicable moisture barrier: AL/HPE/PA or Lead Sheath

Insulation grade: 150/250V



ÖLFLEX® CONTROL

Conductor: Bare or tinned copper, solid or stranded

Insulation: PVC, TPO, PE, XLPE, HEPR, XLPO and MGT/XLPE for fire resistant version

Screen: AL/PET, Cu/PET, CWB, TCWB

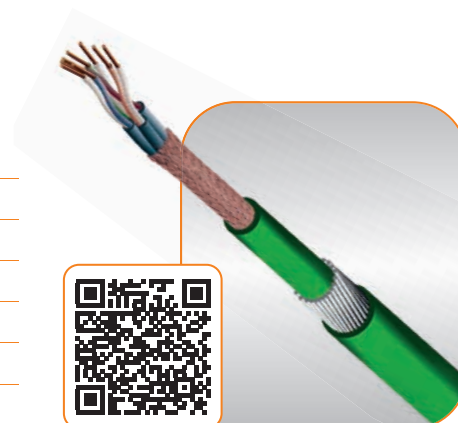
Jacket: PVC, LSZH (SHF1 or SHF2), HDPE

Armour: SWA, SWB, STA, TCWB

Applicable moisture barrier: AL/HPE/PA or Lead Sheath

Insulation grade: 450/750 V, 600/1000 V

Approvals:



ETHERLINE®

Application: Etherline Cat.5, Cat.6, Cat.7

Conductor: Bare stranded copper

Insulation: PE, LSZH

Screen: collective AL/PET, CWB, TCWB

Jacket: PVC, LSZH (SHF1 or SHF2), HDPE

Armour: SWA, SWB, STA, TCWB

Applicable moisture barrier: AL/HPE/PA or Lead Sheath



HYBRID

A combination of multiple types of conductors, such as electrical power, data, and fiber optic lines, within a single sheath. This design allows for the simultaneous transmission of power and data signals, making it ideal for applications requiring integrated connectivity.

Fire Test Competence Center

The **Testing and Certification Laboratory** and the **Fire Test Competence Center** at LAPP Camuna Cavi, located in the Edolo plant, represent a unique strategic asset in the European landscape for the cable industry. **Focus on CPR Approval**. The core function of the Fire Test Competence Center is the application of the **Construction Products Regulation (CPR)**, the European regulation that establishes essential safety requirements, particularly regarding the **reaction to fire** of cables permanently installed in civil engineering infrastructures (buildings, hospitals, tunnels, etc.).

Accelerated Time-to-Market

We design and manufacture the **special cable solution** you need and deliver it complete with the **required certification you specify**, all in a rapid, integrated process.

Fast Certification Process

Thanks to our fully equipped laboratory housed directly **within our facility**, the time required for testing and obtaining certification is drastically **reduced from months to weeks**.

Recognized Competence Center

Our expertise is **officially certified**. We have been officially recognized and certified by **IMQ** and **VDE**, as a specialized CTFs (**Customers' Testing Facilities**).

Certified Quality

Being a recognized and highly specialized testing center assures our customers of the **superior quality and compliance** of the products they purchase. This in-house capability provides an unparalleled level of confidence in every cable.

Specialized Testing Hub

We serve as the main competence center for the entire LAPP Group, but our role extends beyond internal needs. We function as a **Third-Party Testing Center**, offering professional and precise testing services to validate product performance and ensure compliance with specific regulatory standards for external companies.



Testing Laboratory Excellence

Research and **Development** for continuous innovation also require “experiments”, tests, and trials conducted by LAPP experts.



TESTS
DIMENSIONAL
& MECHANICAL



TESTS
CHEMICAL



TEST
FIRE REACTION



TESTS
ELECTRICAL

Our quality promise includes the guarantee that our products meet standards and regulations for specific applications and industries, while providing the highest possible level of safety.

Extreme series cables



TESTS
EXTREME HARSH CONDITIONS



ÖLFLEX®

Power and control cables



UNITRONIC®

Data communication systems



ETHERLINE®

Data communication systems
for Ethernet technology



HITRONIC®

Optical transmission systems



EPIC®

Industrial connectors



SKINTOP®

Cable glands



SILVYN®

Protective cable conduit systems
and cable carrier systems



FLEXIMARK®

Marking systems



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