

ÖLFLEX® FIRE

Fire Survival Cables according to BS 7846



LAPP GROUP



Reliably connecting the world

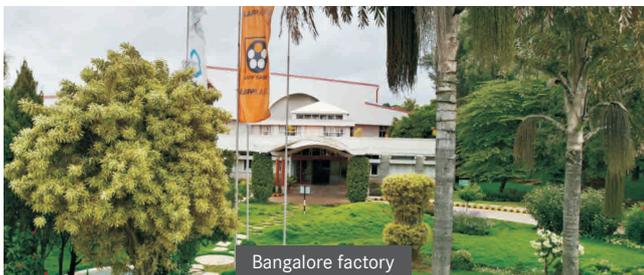
Headquartered in Stuttgart, Germany, the Lapp Group is a leading supplier of integrated solutions and branded products in the field of cable and connection technology. The Group's portfolio includes standard and highly flexible cables, industrial connectors, customized system solutions, automation technology and robotics solutions for the intelligent factory of the future, as well as technical accessories.

We want to help you become even more productive and successful. This is why we work tirelessly on optimising our processes. We do everything to make sure we always find the best solution for you and also provide you with quick, efficient and effective support.

No matter where you are – we are always by your side. Our plants, sales companies, partners and, above all, our competent teams of advisers ensure that we offer you a comprehensive service in every continent. We do not simply distribute cable technology, but we also manufacture our products ourselves – which represents another advantage for you. As a manufacturer with 18 of our own production facilities, you will benefit from our expertise in the development, design and manufacture of cables, system products and cable accessories. Thanks to this expertise, we can guarantee that Lapp will provide you with the quality that you require and demand for.

You can always rely on quality from Lapp – wherever you are in the world. This is also embodied by our strong brands.

LAPP INDIA



Reliably connecting India

Lapp India is a 100% subsidiary of the Lapp Group. Having started its operations in 1996, Lapp India provides about 150,000 km per year of power, control, instrumentation and data cables along with connectors, accessories and EndtoEnd Systems to over 5000 customers pan India. Our customers are spread across different industry segments such as automation, textile, automotive, machine tools, oil and gas, renewable energy, process industries, as well as in the infrastructure and building sectors.

- 23 Sales offices close to customers all over India & 5 service points
- 300 employees committed to best serve customers
- Strong network of 150 dealers
- 2 manufacturing units – Bangalore and Bhopal
- 5 Warehouses
- State of the art laboratory
- Fully fledged Innovation and Engineering Centre

BRAND QUALITY FROM STUTTGART



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 and cable carrier systems



FLEXIMARK®
Cable marking systems

IMPORTANCE OF FIRE SURVIVAL CABLES

Fire mishaps are a serious problem in terms of loss of human life and damages to plants and structures. Most of the research studies state that about one third of fires originate inside buildings and the most commonly identified cause of death from a fire accident is being overcome by gas or smoke.

Other sources have demonstrated that for the last 50 years, the average time from ignition of a fire to flash over has reduced from 15 minutes to 3 minutes due to increased usage of plastics in home and buildings.

The most sophisticated alarm systems or emergency systems can be rendered useless if their cabling systems are destroyed by fire. This is the reason why, over the last few years, companies have invested in design and development of insulation material leading to reduced fumes and acidic gas emission while maintaining the circuit integrity of cables in the event of a fire.

Today most of the utility projects like Metro rail, Airports, Railways, Nuclear/Thermal Power Plants and Oil & Gas industries are being commissioned with Fire Survival and Flame Retardant cables.

ÖLFLEX® FIRE

ÖLFLEX® FIRE cables designed as per BS 7846 : 2009 | EN50228-7 (Pairs & Triads), thermosetting insulated, armoured, fire-resistant cables of rated voltage 600/1000 V & 500 V (Pairs and Triads) having low emission of smoke and corrosive gases when affected by fire.



Features

- Conforming to Fire Resistance tests of BS 6387 Cat. C/W/Z | BS 7846.
- Available in 583 different construction variants, which serves the purpose of control, power and instrumentation applications as per the end users need.



UV-resistant



Flame-retardant



Halogen-free



Suitable for outdoor use

LAPP PROMISES



Peace of mind

High German Quality | In Compliance with Global Standards | Over 40000+ Products for various applications



Value for money

Low Maintenance | Long Service Life | Durable & Reliable



We are where you are

23 Sales Offices | 5 Warehouses & 5 Service Points in India | 150 Dealers across India |
First online cable store - www.thelappstore.com



Technology leadership

2 Manufacturing Plants in Bangalore & Bhopal | State of the Art Laboratory | Fully Fledged Innovation & Engineering Centre |
Over 58 years of Manufacturing Excellence & Application Knowledge

ELECTRICAL PARAMETERS

Parameter	Values
Voltage Grade	Power & Control - 600/1000V, Instrumentation - 500V
Flame Barrier Tape	MICA Tape with 100% Coverage on Conductor
Insulation	Special cross linked Polyethylene
Inner Sheath	Special Low Smoke, Zero Halogen Compound
Armour	Galvanised Steel Wire Armour
Outer Sheath	Special Low Smoke Zero Halogen Compound (Optional UVAR)
Temperature Range	-15° C to + 90° C in Continuous Operation, 250° C in Short Circuit Condition
Fire Survival Properties	Resistance to Fire alone (Cat.C): 950° C for 3 Hrs Resistance to Fire & Water (Cat.W): 650° C for 15 Min Resistance to Fire with Mechanical Shock (Cat.Z): 950° C for 15 Min
Reference Standard	BS 7846 EN50228-7 (Pairs & Triads)
Fire Resistant Test Method	BS 6387 Category C/W/Z BS 7846

NOTE: For Datasheet/Catalogue call Customer Care No. 080-47405222 or call our nearest sales office.



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