

# RELIABLY CONNECTING INDIA

LAPP, a German brand is a leading supplier of integrated solutions and branded products in the field of cable and connection technology. We offer a wide range of innovative products and solutions ranging from standard and highly flexible power, control and data cables to industrial connectors, cable entry systems and accessories to customised plug and play solution.

LAPP caters to various industry segments ranging from automation, textile, automotive, machine tools, oil and gas, renewable energy, process industries to infrastructure and building sectors. 'We Reliably Connect India and the World' with our technologically advanced, highly reliable, robust and superior quality products.

## ÖLFLEX® UNIPLUS

### OUR BRANDS



**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

## ÖLFLEX® UNIPLUS

Single core wires, 1100 voltage grade as per IS 694 for industrial applications.



ÖLFLEX® UNIPLUS single core wires are used for internal wiring intended for installation in pipes which are in, on and under the plastering or in closed installation channels. These cables are suitable for fixed installation and may not be used for direct laying on rack, trough and tubes.

## FEATURES

- Better amperage ratings
- Higher conductivity
- Flame retardant as per IS 10810-53/IEC 60332.1
- Insulation of PVC type A, with additional LAPP special properties



Flame-retardant

## TECHNICAL SPECIFICATIONS

Parameter	Values
Rated Voltage	U: 1100 V
Test Voltage	3000 V r.m.s for 5 min. in acc. to IS 694-2010 Online spark test voltage: 2500V as per IEC 60227 / 1
Temperature Range	Fixed Installation: -5°C to 70°C
Conductor Stranding	Bare Copper, fine wire in acc. with IS 8130: 984/IEC 60228 Cl.5
Insulation	PVC type A in acc. IS 5831:1994
Current Rating	IS 3691
Approvals	IS 691

## OTHER VARIANTS

### HEAT RESISTANT PVC (HR PVC):

Available with HR PVC insulation with temperature stability upto 85°C. Suited for applications in areas of high voltage fluctuations.

### Flame Retardant Low Smoke Halogen (FR-LSH):

Available in FR-LSH with good oxygen and temperature index, low smoke and toxic gas generation properties. Ideal for use in places of high fire risks. Available in 70°C and 85°C temperature grade.

### Halogen Free Flame Retardant (HFFR):

Available with HFFR insulation which has excellent properties with respect to emission of non-toxic, non-corrosive gases in the event of fire. In addition, it has excellent temperature index, flame retardancy and oil resistance properties. Available in 70°C temperature grade. Ideal for applications where safety of human and animal life as well as valuable property is of utmost importance, when exposed to high risk of fire hazards.

### Note:

1. MOQ's may apply for certain colour and cross section combinations. Please contact LAPP sales team for more information on ÖLFLEX® UNIPLUS. 2. HFFR variant comes without ISI marking.