



SAFETY | SECURITY | RELIABILITY

# HEAT RESISTANT ELECTRICAL WIRE



**100% COPPER**  
**FLAME RETARDANT**  
**DOUBLE INSULATION**  
**with Ultra Thin Layer**



Anti-Rodent



Anti-Termite



Flame Retardant



101% Conductivity\*



International Copper  
Association  
Copper Alliance

**90<sup>M</sup>**  
**LENGTH**



**Housing | Buildings | Industries**

## About us:

LIVPOWER vast experience spanning over 2 decades not only to enhance the range of DIGITAL VOLTAGE STABILIZER, LED TV, SPEAKERS, MCB DISTRIBUTION BOX, SOLAR STABILIZERS but also to produce and supply quality WIRES and CABLES in its state-of-the-art manufacturing facility at Punjab India.

## Conductor:

These wires are manufactured using Electrolytic Grade 99.97% purity copper with more than 100% conductivity. The conductors are drawn using state-of-the-art multiwire drawing machine as fine wires and bunched with concentricity according to IS 8130. High purity and conductivity of copper ensures greater saving of electrical energy.

## Certifications:

- ISI
- ISO 9001 : 2015 Certification for the quality management systems

## HEAT RESISTANT(HR) FLAME RETARDANT(FR) LOW SMOKE HALOGEN(LSH) PVC INSULATED INDUSTRIAL CABLES

## LIVPOWER GOLD WIRE



<b>Voltage Rating</b>	: up to and including 1100 volts - AC Supply
<b>Temperature Range</b>	: -10° C to +70° C
<b>Insulation Material</b>	: Heat Resistant (HR) Flame Retardant (FR) Low Smoke and Halogen PVC (LSH) Lead Free (LF)
<b>Conductor</b>	: High Conductivity Annealed Bunched Copper
<b>Conductor Class</b>	: 2
<b>Available Size</b>	: 1.0 mm <sup>2</sup> to 2.5 mm <sup>2</sup>

## LEAD FREE FLAME RETARDANT LOW SMOKE HALOGEN (FR-LSH) PVC INSULATED BUILDING WIRES

## LIVPOWER SILVER WIRE



<b>Voltage Rating</b>	: up to and including 1100 volts - AC Supply
<b>Temperature Range</b>	: -10° C to +70° C
<b>Insulation Material</b>	: Flame Retardant PVC (FR) Low Smoke and Halogen PVC (FR-LSH)
<b>Conductor</b>	: High Conductivity Annealed Bunched Copper
<b>Conductor Class</b>	: 2 & 5
<b>Available Size</b>	: 0.5 mm <sup>2</sup> to 50.0 mm <sup>2</sup>

## FLAME RETARDANT(FR) PVC INSULATED BUILDING WIRES

## LIVPOWER DIAMOND WIRE



**Voltage Rating** : up to and including 1100 volts - AC Supply

**Temperature Range** : -10° C to +70° C

**Insulation Material** : Flame Retardant PVC (FR)

**Conductor** : High Conductivity Annealed  
Bunched Copper

**Conductor Class** : 2

**Available Size** : 0.5 mm<sup>2</sup> to 50.0 mm<sup>2</sup>

## FLAME RETARDANT(FR) PVC INSULATED INDUSTRIAL CABLES

## LIVPOWER FR WIRE



**Voltage Rating** : up to and including 1100 volts - AC Supply

**Temperature Range** : -10° C to +70° C

**Insulation Material** : Flame Retardant PVC (FR)

**Conductor** : High Conductivity Annealed  
Bunched Copper

**Conductor Class** : 5

**Available Size** : 0.5 mm<sup>2</sup> to 50.0 mm<sup>2</sup>

## 3 CORE SUBMERSIBLE FLAT CABLES

## LIVPOWER 3 CORE WIRE



**Voltage Rating** : up to and including 1100 volts - AC Supply

**Temperature Range** : -10° C to +70° C

**Insulation Material** : Flexible water proof PVC

**Conductor** : High Conductivity Annealed  
Bunched Copper

**Conductor Class** : 5

**Available Size** : up to and including 50.0 mm<sup>2</sup> (3 & 4 Core)

**Sheath Color** : Black & Blue



## 2, 3 & 4 CORE SUBMERSIBLE ROUND CABLES

## LIVPOWER 2/3/4 CORE WIRE



**Voltage Rating** : up to and including 1100 volts - AC Supply

**Temperature Range** : -10° C to +70° C

**Insulation Material** : Flexible water proof PVC

**Conductor** : High Conductivity Annealed  
Bunched Copper

**Conductor Class** : 5

**Available Size** : up to and including 6.0 mm<sup>2</sup> (2, 3 & 4 Core)

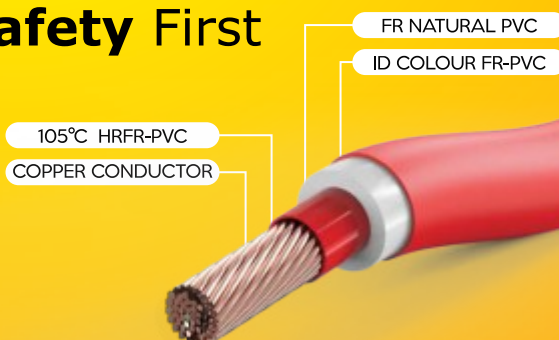
**Sheath Color** : Black

MULTICORE FLEXIBLE PVC INSULATED AND SHEATHED CABLES									IS-694 ISI CM/L-3406447	
Nominal Cross-Sectional Area of Conductor	No. of Strands / Nominal Dia of wire **	Thickness of Insulation (Nom.)	Thickness of Sheath (Nom.) mm			Overall Dimensions (Max.) mm			Current Carrying Capacity #	Max. Resistance per km @ 20°C as per IS 8130 : 2013
			Two Core	Three Core	Four Core	Two Core	Three Core	Four Core		
mm <sup>2</sup>	mm	mm	mm	mm	mm	mm	mm	mm	Amps	Ohms
0.5	16/0.21	0.6	0.9	0.9	0.9	6.9	7.3	8.0	4	39.0
0.75	24/0.21	0.6	0.9	0.9	0.9	7.3	7.7	8.4	7	26.0
1.0	32/0.21	0.6	0.9	0.9	0.9	7.6	8.1	8.8	11	19.5
1.5	30/0.26	0.6	0.9	0.9	1.0	8.9	9.4	10.4	14	13.3
2.5	50/0.26	0.7	1.0	1.0	1.0	10.3	10.9	12.0	18	7.98
4.0	56/0.31	0.8	1.0	1.0	1.0	11.6	12.4	13.6	26	4.95
6.0	84/0.31	0.8	1.1	1.2	1.2	13.0	13.8	15.47	31	3.30

# As per IS 3961 (Part V) : 1968. \*\* Nominal dia to meet the specified resistance.



## Safety First



SINGLE CORE, UNSHEATHED CABLES IN VOLTAGE GRADE 1100V						IS-694 ISI CM/L-3406447	
Nominal Cross-Sectional Area of Conductor	Conductor Class	No. of Strands/ Nominal Dia of wire**	Thickness of insulation (Nom.)	Approx. Overall Diameter	Current Carrying Capacity# 2 Cables, Single Phase		Max. Resistance per km @ 20° C as per IS 8130 : 2013
					In Conduit/ Trunking	Unenclosed- Clipped directly to a surface or on cable tray	
mm <sup>2</sup>		mm	mm	mm	Amps.	Amps.	ohms
0.5	5	16/0.21	0.6	2.2	3	4	39.0
0.75	5	24/0.21	0.6	2.4	6	7	26.0
1.0	2	14/0.31	0.7	2.7	11	12	18.1
1.5	2	22/0.31	0.7	3.0	13	16	12.1
2.5	2	36/0.31	0.8	3.6	18	22	7.41
1.0	5	32/0.21	0.6	2.65	11	12	19.5
1.5	5	30/0.26	0.7	2.9	13	16	13.3
2.5	5	50/0.26	0.8	3.55	18	22	7.98
4.0	5	56/0.31	0.8	4.0	24	29	4.95
6.0	5	84/0.31	0.8	4.6	31	37	3.30
10.0	5	140/0.31	1.0	6.2	42	51	1.91
16.0	5	226/0.31	1.0	7.3	57	68	1.21
25.0	5	354/0.31	1.2	9.9	71	86	0.780
35.0	5	495/0.31	1.2	10.9	91	110	0.554
50.0	5	703/0.31	1.4	13.3	120	145	0.386

Standard Length : 90 Meter Coils in Protective carton. Coils in 45 Meter & Project coils of 180 / 270 mtrs and 500 mtrs also available  
# As per IS 3961 (Part V) : 1968. \*\* Nominal dia to meet the specified resistance.

3 CORE PVC INSULATED AND PVC SHEATHED FLAT CABLES					IS-694 ISI CM/L-3406447	
Nominal Cross-Sectional Area of Conductor	No. of Strands / Nominal Dia of Wire **	Thickness of Insulation (Nom.)	Thickness of Sheath (Nom.)	Overall Dimensions (Max.) (W x H)	Current Carrying Capacity #	Max. Resistance per km @ 20°C as per IS 8130 : 2013
mm²	mm	mm	mm	mm	Amps	Ohms
1.0	32/0.21	0.6	0.9	11.0 x 5.4	11	19.5
1.5	30/0.26	0.6	0.9	12.0 x 5.6	14	13.3
2.5	50/0.26	0.7	1.0	13.0 x 6.2	18	7.98
4.0	56/0.31	0.8	1.0	15.3 x 7.1	26	4.95
6.0	84/0.31	0.8	1.1	19.2 x 8.4	31	3.30
10.0	140/0.31	1.0	1.4	24.2 x 10.4	42	1.91
16.0	226/0.31	1.0	1.4	29.0 x 12.4	57	1.21
25.0	354/0.31	1.2	2.0	36.5 x 15.7	72	0.780
35.0	495/0.31	1.2	2.0	40.5 x 17.2	90	0.554
50.0	703/0.31	1.4	2.2	46.5 x 19.3	115	0.386

# As per IS 3961 (Part V) : 1968. \*\* Nominal dia to meet the specified resistance.

SINGLE CORE, UNSHEATHED CABLES IN VOLTAGE GRADE 1100V						IS-694 ISI CM/L-3406447	
Nominal Cross-Sectional Area of Conductor	Conductor Class	No. of Strands/ Nominal Dia of wire**	Thickness of insulation (Nom.)	Approx. Overall Diameter	Current Carrying Capacity# 2 Cables, Single Phase		Max. Resistance per km @ 20° C as per IS 8130 : 2013
					In Conduit/ Trunking	Unenclosed- Clipped directly to a surface or on cable tray	
mm <sup>2</sup>		mm	mm	mm	Amps.	Amps.	ohms
1.0	2	14/0.31	0.7	2.7	11	12	18.1
1.5	2	22/0.31	0.7	3.0	13	16	12.1
2.5	2	36/0.31	0.8	3.6	18	22	7.41

# As per IS 3961 (Part V) : 1968. \*\* Nominal dia to meet the specified resistance.

# PVC INSULATED INDUSTRIAL CABLES

0.75  
Sqmm

1.00  
Sqmm

1.50  
Sqmm

2.50  
Sqmm

4.00  
Sqmm



## LIVPOWER OTHER VALUABLE PRODUCT RANGE



CFL INVERTER



PVC WIRE



LED SMART TV



BLDC FANS



CEILING & PEDISTAL FANS



PORTABLE SPEAKERS



DIGITAL STABILIZER



SERVO STABILIZER



MIXER & GRINDER



ROOM HEATERS

## LIVPOWER INDUSTRIES INDIA PVT. LTD.

BLOCK-H, DSIDC INDUSTRIAL AREA, DELHI-110040

Manufacturers for Automatic Voltage Stabilizers, Solar DC Inverters, Battery, Led TV and PVC Wires

For Corporate Enquiries : +91 93553 90355

Email: [info@livpower.in](mailto:info@livpower.in)

Toll Free Number : 1800-202-2269

Website: [www.livpower.in](http://www.livpower.in)