



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*



**90 M
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**



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



LIVPOWER GOLD WIRE

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

LIVPOWER SILVER WIRE

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

FLAME RETARDANT(FR) PVC INSULATED BUILDING WIRES

LIVPOWER DIAMOND WIRE



FLAME RETARDANT(FR) PVC INSULATED INDUSTRIAL CABLES

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 mm² to 50.0 mm²

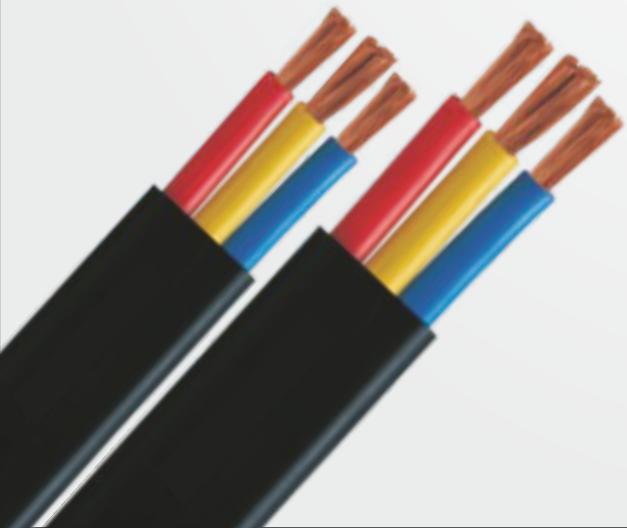
LIVPOWER FR WIRE



3 CORE SUBMERSIBLE FLAT CABLES

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 mm² to 50.0 mm²

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 mm² (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 mm² (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 ²	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



105°C HRFR-PVC
COPPER CONDUCTOR

FR NATURAL PVC
ID COLOUR FR-PVC



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 ²		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
mm ²	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 ²		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 & PEDIESTAL 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

Toll Free Number : 1800-202-2269

Website: www.livpower.in