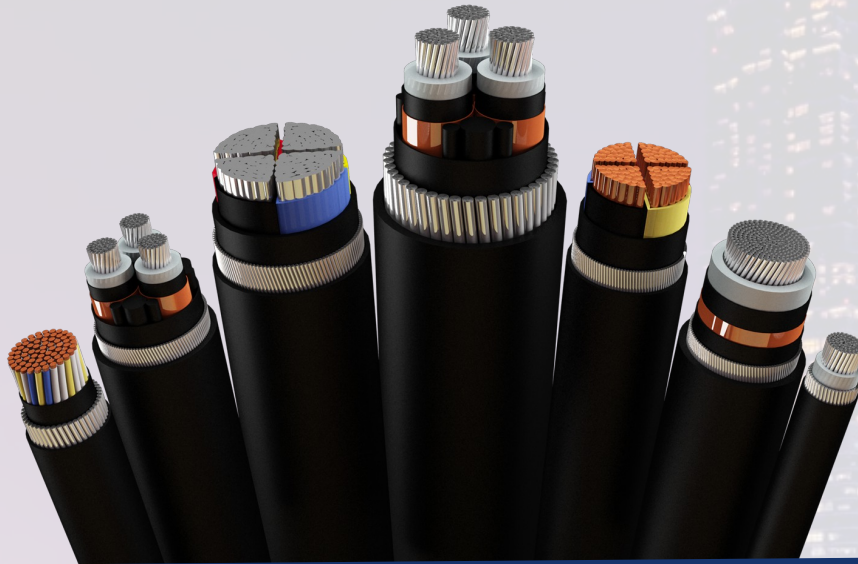
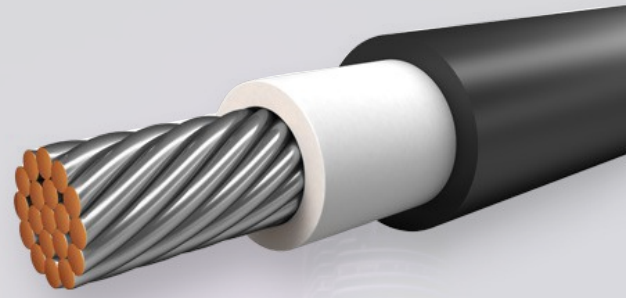




PRIMA

CABLE

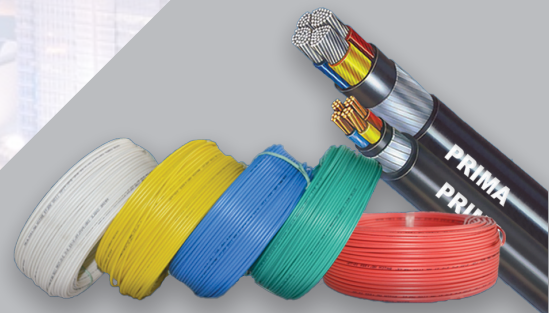
Cables for Life



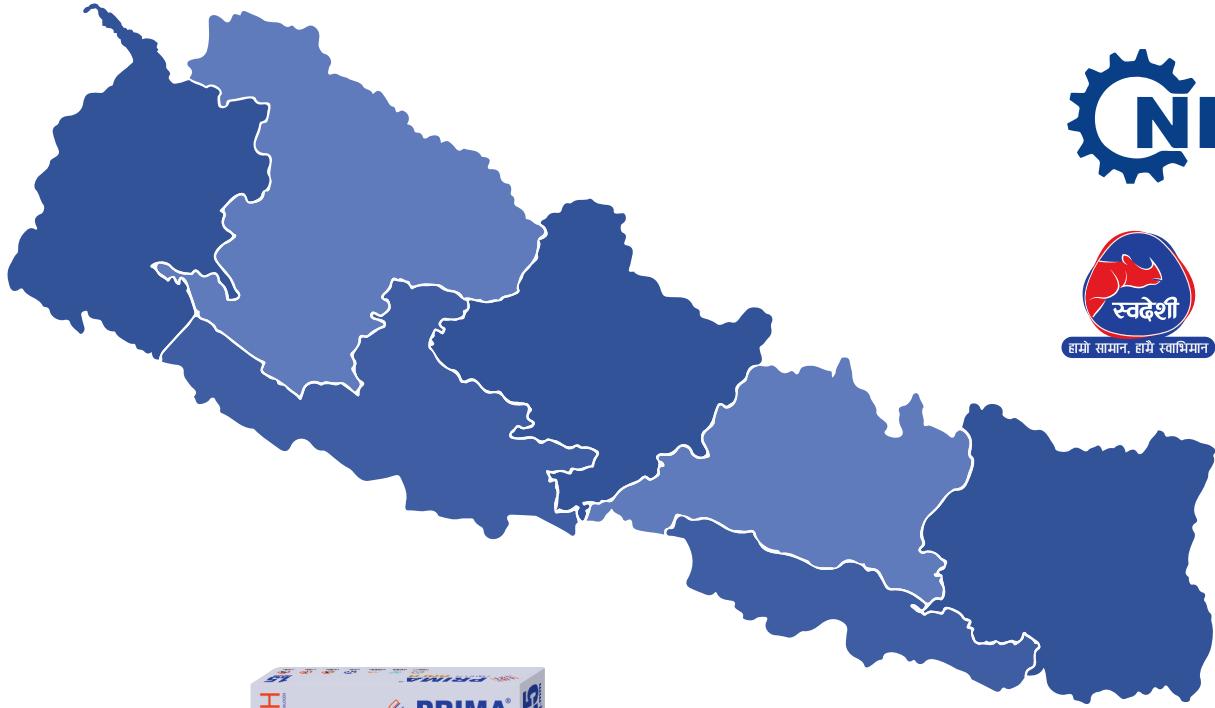
Product Catalogue



DOMESTIC | INDUSTRIAL
Cables & Wires



Reliably Connecting Nepal



Properties:



Oxygen Free
Copper



Tri-Shield
Technology



Dynamic
Performance



X-tra
Twisting



Flame
Retardant



Anti
Termites



Anti
Rodents



About Us

PRIME CABLE INDUSTRIES PVT. LTD., established in **2012**, headquartered in Biratnagar, started with a mission to provide its customers with a reliable product that satisfies the customers in all aspects possible. At PRIMA, quality is not an option, it's a way of living. Through this vision, we have made a name for ourselves in the local industry.

Moving forward with our core values, the company has employed a team of competent quality craftsmen to develop best in class products and address the ever-changing requirements of our discerning customers and the industry as a whole. Commitment to unwavering quality in products has made PRIMA cables one of the trusted names in the Cables and Wires Industry and has become the first choice of most consultants, electricians, architects and engineers. Knowing well about the critical application of our products, SAFETY of our customers is of paramount importance to us. Our dedicated engineers and a team of professionals continuously strive to develop safe products and test them in our inhouse laboratory to ensure the same

Prime Cable Industries, the manufacturer of PRIMA cables, set up by a couple of entrepreneurs who have been a part of the same industry for several years. PRIMA is one of the high- quality manufacturers of Domestic and Industrial Cables of various sizes and different technical specifications. We invest in Research and Development in order to give the customers what they require and try to innovate where we can. We use the best in class raw materials to manufacture our product which are sourced from around the world. Our state-of-the-art machinery installations ensure quality beyond measure.

PRIMA today offers a wide range of products that are highly insulated that protects against fire, overload, low voltage, atmospheric changes and saves electricity at the same time.

The company is ISO Certified, its products are certified by Nepal Standard (NS) and some other leading consultants.

We believe in the efficiency and effectiveness of our production team to provide our customers with the best in market products.

RAW MATERIALS:

Copper: Cables are made from high conductivity, electrolytic grade annealed Copper having Purity > 99% and conforming to IS 8130/ BS 6360 Standards.

Aluminum: Electrically pure Aluminum wires of EC grades are used according to the application conforming to the IS 8130/ BS 6360 Standards.

PVC: Specially formulated PVC compound is imported from the most reputed company in Asia and meet/exceeds the requirement of IS 5831/BS 6746 Standards.

XLPE: High grade XLPE compound with high dielectric strength and UV resistant is imported from the most reputed company in Asia.

Steel: Armoring strip and wire conforming to IS 3975 is sourced from reputed Indian manufacturers with the ISI mark.

CABLES RANGE AT A GLANCE



FRLS-H CABLES
(House Wiring Cables)

TYPE AND SIZE

Type : Bare Copper
Conductor House Wire
90m
Size : Single Core – 0.75 to 6
sq.mm

CHARACTERISTICS

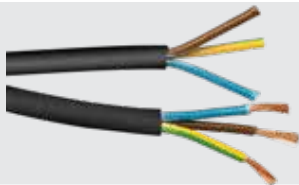
Conductor : Solid or Stranded
Copper Conductor
Insulation : FRLS-H



HOUSE WIRING

Type : 1.1Kv, Multi-Strand,
Flexible, Bright Cables as
per IS:694
Size : Single Core (1-630sq.mm)

Conductor : Bright Annealed
Copper
Insulation : PVC/HR PVC/FR



**FLEXIBLE MULTI
CORE CABLES**

Type : 1.1Kv, Multi-strand,
Flexible, Bright Annealed,
Electrolytic Copper
Conductor, PVC Insulated
as per IS:694
Size : Two, Three or Four Core
(can be customized as
per requirements)

Conductor : Multi Stranded
Insulation : PVC/XLPE/HR PVC/
FR/FRLS/ Zero Halogen
Sheathed : PVC/HR PVC/FR/FRLS
Zero Halogen



POWER CABLES

Type : 1.1Kv PVC/XLPE Power
cables as per IS:1554 and
IS:7098-1
Size : Single Core -1.5 to 1000
sq.mm Multi Core – 1.5 to
630 sq.mm

Conductor : Stranded/Solid/
Circular/Shaped/
Aluminium/Copper
Insulation : PVC/XLPE/HR PVC/
Zero Halogen
Innersheath : PVC HR PVC/FR/
FRLS PVC
Unarmoured/Armoured
-G.S.Round wire/
Flat Strip or Aluminium
Wire/Flat Strip
Outer sheath: PVC/HR PVC/FR/FRLS
PVC/Zero Halogen



**ACSR
CONDUCTORS**

Type : 1.1Kv, Cross
Linked Polyethylene
Cables with Aluminum
Conductor.
Size : 0.2-1.0sq.mm

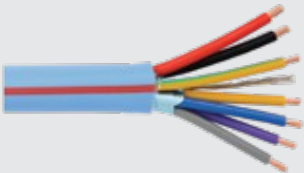
Conductor : All Aluminium/Alloy



CONCENTRIC CABLES

Type : 0.6/1.1Kv
 Conductor : Aluminum
 Insulated : XLPE/PVC
 Out Sheath : PE/PVC

Conductor : Aluminum or Aluminum Alloy Conductor.
 Insulation : XLPE or PVC.
 Qty of cores : 1 phase+ 1 neutral, 2 phase+ 1 neutral, 2 phase+ 1 neutral + 1 earth.
 Filler : PVC filler.
 Sheath/Jacket : PVC



CONTROL CABLES

Type : 1.1Kv
 Lest voltage : 3000V
 Insulation resistance : Min. 10 M Ω x km
 Min. bending radius : Single Core: 15 X Overall diameter
 Multi core : 12 X Overall Diameter

Conductor : Material-Copper (IEC 60228,IS 8130)
 Insulation : PVC Type A as per IS : 5831
 Inner Sheath : PVC
 Outer Sheath: PVC TYPE ST-1 OF IS : 5831
 (Rare specifications or producing by your sample can also be fulfilled.)



SOLAR CABLES

Type : 0.6/1.1 Kv AC.
 Type : DC Voltage: 1.5Kv
 Maximum Permitted DC Voltage: 1.8Kv (conductor/ conductor, non earthed system, circuit not under load).
 Maximum Permitted AC Voltage: 0.7/1.2Kv
 Insulation Resistance : 1000 MW-km.

Conductor : Fine Copper Strands,According to VDE0295/IEC60228. Class5
 Insulation : Polyolefin Copolymer Electron-Beam Cross-Linked
 Sheath : Polyolefin Copolymer Electron-Beam Cross-Linked



AUTO CABLES

Type : 0.6/1.1Kv AC.
 Rated DC Voltage : 1.5Kv
 Maximum Permitted DC Voltage: 1.8Kv (conductor/ conductor,

Conductor : Material - Copper
 Insulation : PVC
 Inner Sheath : PVC
 Outer Sheath: PVC TYPE ST-1 OF



AERIAL BUNCHED CABLES

Type : 0.6/1.1Kv AC.
 Maximum Permitted AC Voltage: 0.7/1.2Kv

Conductor : All Aluminium/Alloy
 Isulation : Polythelene/Cross Linked Polythelene (upto 1.1Kv)

FLAMEGARD

PRIMA wires and cables – A combination of safety and efficiency Increasing human habitation has brought a lot of people and families living closer to each other within a single housing or commercial complex and therefore the need for cables to be safe and efficient is paramount. The PRIMA FR- LSH cables are made from specially formulated PVC polymers that restrict the toxic gases and smoke and are therefore safe, reliable, fire resistant, lead resistant lead free and a non-toxic alternative. These non-toxic cables have been built keeping in mind the safety of the users and giving it utmost priority.

SAFETY

The basic expectations from power cables include less resistivity, good flexibility, good strength, good stability against fatigue, good corrosion resistance. PRIMA cables are made using specially formulated insulation that restricts toxic gases and also restricts the fire to spread.

High Oxygen Index

The oxygen index is 30% for FRLS-H insulation i.e. the Prima Flamegard insulation can catch the flame only if oxygen level in atmosphere or air is more than 30% where as it is a known fact that in atmosphere oxygen level is 21% only. Higher the index value, greater the non-combustibility.

Self-Extinguishing Property

Prime FRLS-H flexible wires have self-extinguishing property which does not allow the fire to spread.

FLAMEGARD

Single Core FRLS-H PVC Insulated Industrial Grade Copper Conductor
(Unsheathed) Flexible Cables, 1.1Kv

Cable Sizes and Conductor Capacity Chart

S.No	CS Area (SQ.MM)	Number of Wire	Wire Diameter (MM)	Max Resistance ohm/KM at 20deg	Insulation Thickness (MM)	Overall Diameter (MM)	Current Capacity (Amps)
1	0.50	7	0.30	36	0.60	2.30	6
2	0.75	11	0.30	24.5	0.60	2.50	8
3	1.00	14	0.30	18.1	0.70	3.20	12
4	1.50	22	0.30	12.1	0.70	3.40	16
5	2.50	36	0.30	7.41	0.80	4.20	22
6	4.00	56	0.30	4.61	0.80	4.80	29
7	6.00	84	0.30	3.08	0.80	5.60	37
8	10.00	80	0.40	1.83	1.00	7.00	51
9	16.00	127	0.40	1.15	1.00	8.20	68

Construction :-

Conductor : Plain annealed bunched copper conductor as per IS:8130

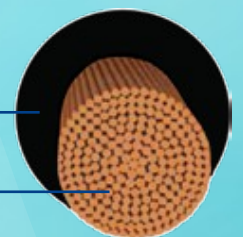
Insulation : Unicolour FRLS-H PVC with two longitudinal line"

Colour : Red/Yellow/Blue/Black/Green

Any other colour on specific request can also be supplied



Skin Colour PVC
Multistrand Flexible
Copper Conductor



Production Facility In Biratnagar



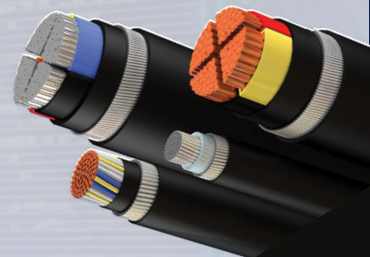
Our Products

House Wiring Cables, Multicore Flexible Cables, Power Cables (PVC/XLPE), Solar Cables
ACSR Conductors, Auto Cables, Concentric Cables, Control Cables, Flexible Cables.



PRIMA
CABLE
Cables for Life

FLAMEGARD
Nepal's First FRLS-H Cable



PRIME CABLE INDUSTRIES PVT. LTD.

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(Behind Nimuwa Police Station & Petrol Pump)
Hattimuda-8, Morang, Nepal

☎ Tel: 021-576429, 021-590287

✉ Email: primecablebri@gmail.com

📍 Corporate Office: Tahagalli, Sundhara
Kathmandu, Nepal

☎ Tel: +977-1-5904508, 5904256

✉ Email: sales.primecable@gmail.com



OUR PRIORITY, YOUR SAFETY