



# SURAJ CABLES

**MORE POWER TO YOU**



IS : 694  
IS : 1554  
IS : 7098  
IS : 14255



Our excellent technology and quality in energy and information delivery have been recognized ever since our founding many decades ago. As a result, Suraj Cables has grown into a leading cable maker that is recognized all over the world and not only for its product and service quality but also for its honesty and integrity.

We deliver the best value in the industry in terms of price, quality, best sales support, and timely delivery. Our esteemed customers vary from Govt. companies, leading corporates to builders, contractors, and dealers. We never compromise in terms of our technology and have use the best of machines and engineers in the industry to manufacture reliable and superior value products. I truly believe that each of us must find meaning in our work because the best work happens when you know that it's not just work but is something that will improve other people's lives. This is what drives each of us at Suraj Cables. Behind Suraj Cables' amazing achievements are our people. They are our most valuable asset and the foundation of all our goals. Our competitiveness and sustainable growth depend on them.

The macroeconomics of India has never looked stronger and our continued investment has been driven by our confidence that over the next two decades India will easily be one of the top five largest nations in the world fuelled by the demand of its own population and energized by the sheer potential of a young workforce unparalleled anywhere else in the world. No other nation has this opportunity "ahead" of it. While India still has many challenges to overcome, there is no denying the fact that India today is in a uniquely advantageous situation with an overall macroeconomics stacked in its favour and therefore has the best opportunity to tackle its most difficult problems. Suraj Cables has continued to invest through the most difficult times of the economy and very distinctly sees the days ahead as a period for it to capitalize and build on the platform that it has built for itself over the past decade.

It is our promise that we will continue to invest and do our part to help the people wherever we operate. While "Thinking Big. Doing Better" has been the philosophy that has always driven us, it is the Doing Better part that makes us humane. We will make continued efforts to capitalize on our competencies to improve the quality of life, make the future brighter and richer, and "Enable the Cabled World". We will become a warm-hearted company that fulfils social responsibilities through open communication with our customers and, for that matter, transform the company from a company representing India into the world's best cable manufacturer. We believe in our motto of bringing more power to you and we do bring More Power to You, literally.

Thankyou.

Suresh Singhal & Ajay Singhal



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Suraj Cables an ISO 9001:2015 and ISO 14001:2015 company is India's leading Cables and Wires manufacturer with a glorious track record of over three decades. Our manufacturing facilities at Murthal (Haryana), Kundli (Haryana) and Narela (Delhi) in India, addresses to the specific needs with state-of-the-art machinery and technology. Since our inception in **1988**, Suraj Cables has grown exponentially over the **last 30 years**, the company has established itself as a leading Cables, Wires and Conductors manufacturer from India and put together an integrated value chain that is unique and, in many ways, unparalleled anywhere in the world.

With over three decades of operations, the group has built up a portfolio spanning a comprehensive range of cables and with continuous advancement of technology there are plans to extend this range further. Currently, the range includes Low Voltage XLPE and PVC Power Cables up to and including 1.1 kV grade, Control Cables up to 1.1 kV for any number of Cores/Pairs, HT and LT Aerial Bunched Cables, PVC and Rubber Insulated Power Cables, Telecom Cables, Railway Cables, Fire Survival Cables and Specialised Cables including Mining Cables, Solar Cables, Marine Cables, etc. With the rise in emphasis on Renewal Energy, Suraj Cables also introduced the complete range of Solar Cables under the brand **SolarCab™** in 2018. Our Murthal plant which is under construction will further increase our production capacity and will add Medium Voltage and High Voltage Power Cables up to and including **66KV**, Instrumentation Cables, Data Cables and Signalling Cables for **RDSO** (Research Designs & Standard Organisation) division of Indian Railways to our existing range.

Our Products are type tested and approved by globally recognised & autonomous testing laboratories / organisations such as, **ERDA, CPRI, NABL** and **Tag Corporation**. Our facilities are **ISO 9001:2015** and **ISO 14001:2015** certified and our products are **CE Certified**.

We are guided by our motto- **More Power to You**. Suraj Cables believes in bringing more power to you, literally, and helps you connect to your loved ones and family by providing quality product, customer satisfaction and carrying along a dedicated and motivated work force.

Our major Indian clients include National Thermal and Power Corporation (NTPC), Bharat Heavy Electricals Limited (BHEL), BSES, Larsen & Toubro (L&T), Tata Projects, Indian Oil Corporation Ltd. (IOCL), Hindustan Petroleum Corporation Ltd. (HPCL), Airport Authority of India (AAI), Power Grid Corporation of India (PGCIL), UHBVN, MPPKVCL, CSPDCL and many more.

 <p>OVER 30 YEARS OF EXPERIENCE</p>	 <p>ERDA, CPRI, TUV, PDIL APPROVED CABLES</p>	 <p>AN ISO 9001 AND 14001 COMPANY</p>	 <p>CE CERTIFIED</p>	 <p>AVAILABLE AS PER IS, BS, IEC AND OTHER INTERNATIONAL SPECIFICATIONS</p>
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## TYPES & SIZES

## OPTIONS & CONSTRUCTION

## CROSS SECTIONAL VIEW

### LV POWER CABLE

PVC/XLPE Power cables 1.1 kV

**Sizes:**

Single Core 6 sq. mm - 1000 sq. mm

Multicore 6 sq. mm - 630 sq. mm

**Referred Standard:** IS:1554(P-1), IS:7098(P-1),

IEC: 60502 (P-1), BS: 5467, BS: 6724, BS: 6346,

BS: 7889

**Make: SURAJ**

**Conductor** - Stranded / Solid, Circular Shaped Aluminium / Copper

**Insulation** - PVC / HR PVC

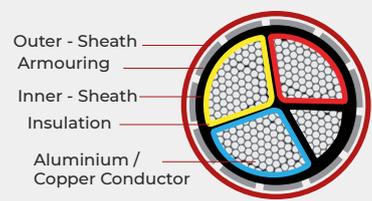
**Inner Sheath** - PVC / HR PVC / FRLS / PVC

**Unarmoured / Armoured** - G.S. Round Wire/

Flat Strip or Aluminum Wire / Flat Strip

**Outer Sheath** - PVC/HR PVC/FRLS PVC/LSZH PVC

**Optional** : Double Armoured for mining cables



### CONTROL CABLES

Annealed electrolytic copper conductor,

PVC/XLPE insulated, PVC sheathed 650 V / 1100 V

**Sizes:** 1.5 sq. mm / 2.5 sq. mm upto 100 core

4 sq. mm & 6 sq. mm upto 24 core (or as per

client's requirement)

**Referred Standard:** IS:1554(P-1), IS:7098(P-1),

IEC: 60502 (P-1), BS: 5467, BS: 6724, BS: 6346,

BS: 7889

**Make: SURAJ**

**Conductor** - Solid/Stranded, Plain /Tinned Copper

**Insulation** - PVC/HR PVC/XLPE

**Innersheath** - PVC/HR PVC/FRLS/Zero Halogen

**Unarmoured / Armoured** - G.S. Round Wire /

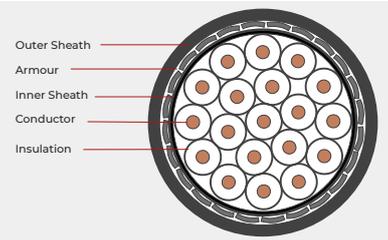
Flat Strip

**Outersheath** - PVC/HR PVC/FRLS/Zero Halogen

**Additional Option:** Overall shielding with

Aluminium mylar tape with 100% coverage & 25%

overlap on laid up cores for static noise reduction



### AERIAL BUNCHED CABLE (ABC)

PE/XLPE insulated 1.1 kV

**Size:** 16 sq. mm. to 400 sq. mm.

**Referred Standard:** IS:14255, BS: 7870-5, BS:625,

HD: 626, VDE: 00276 Part 626, IEC : 60502-1&2,

NFC: 33-209, BS: 6485, IS:398 PART-4, IS: 7098

PART 1, IS: 1554 (P-1)

**Make: SURAJ**

**Conductor** - Stranded Circular compacted

Aluminium

**Insulation** - PE/XLPE

**Messenger conductor** - All Aluminium Alloy-Bare/

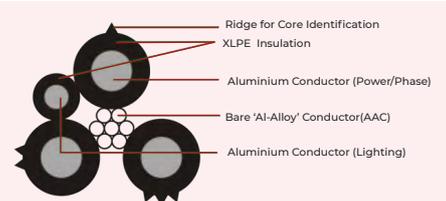
Insulated

**Street Light Cond.** - Stranded Circular Compacted

Aluminium, Bare/Insulated

**Optional** - Another layer of UV resistant PVC

sheathing over insulated phase conductors



### FIRE SURVIVAL CABLES

**Size:** Fire Alarm Power Cable: 1-5 core upto 1000 sq mm

Fire Alarm Control Cables: Upto 61 Core-0.5-4 sq mm

**Referred Standard:** IS: 1554(P-1), IS: 9968, BS: 5467,

VDE-0207, BS-6346, IEC 60331, BS: 5746, IEC 60502-1,

BS-7846, BSEN-6081 I & II, IEC: 60092, NEK-606,

BS:6883, BS: 6387

**Make: SURAJ**

**Conductor** - Solid/Stranded, Plain /Tinned Copper

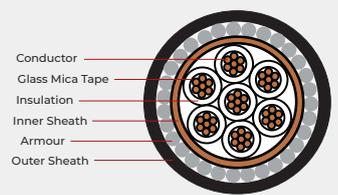
**Heat Barrier** - Mica Tape

**Insulation** - XLPE

**Innersheath** - LSZH Compound

**Armoured** - G.S. Round Wire/ Flat Strip

**Outersheath** - LSZH Compound



### SOLAR CABLES

Tinned copper XLPO insulated & LSZH sheathed 1100 VAC/1800 VDC

**Size:** Single Core 2.5 to 630 Sq. MM.

Multicore to 400 sq. MM.

**Referred Standard:** TUV Specifications 2PFG -

1169/08-2007, BS EN 50618

**Make: SURAJ**

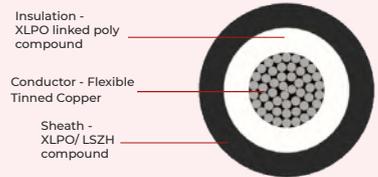
**Conductor** - Flexible tinned copper

**Insulation** - Cross linked polyolefin compound

**Sheath** - XLPO/ LSZH Compound

**Optional** - Insulation/Sheath of PVC/ HR/FR/FRLS/

FRLSH PVC/ XLPE





## TYPES & SIZES

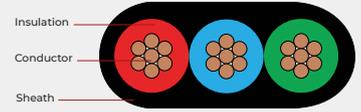
## OPTIONS & CONSTRUCTION

## CROSS SECTIONAL VIEW

### FLAT CABLES

Stranded Plain copper, PVC insulated & PVC sheathed of 1.1 kV  
**Sizes:** 2 Core & 3 core - 1.5 sq. mm upto 120 sq. mm  
**Referred Standard:** IS:694, BS:6004, BS:6500, BS: 7211, IEC: 60227-1, 2,5 CSA-22.2 No. 38-05  
**Make:** SURAJ

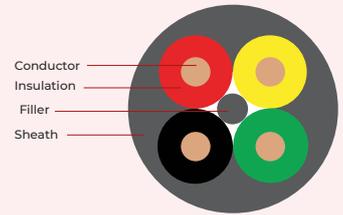
**Conductor** - Stranded Plain Copper  
**Insulation** - PVC / HR PVC  
**Sheathing** - PVC / HR PVC



### MULTICORE FLEXIBLE CABLES

Multistrand, flexible, bright annealed electrolytic copper conductor, PVC insulated and sheathed upto 1100 V  
**Sizes:** Two, Three or Four core upto 400 sq. mm  
**Referred Standard:** IS:694, BS:6004, BS:6500, BS: 7211, IEC: 60227-1, 2,5 CSA-22.2 No. 38-05  
**Make:** SURAJ

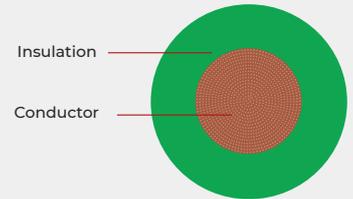
**Conductor** : Multi stranded plain/ tinned copper  
**Insulation** - PVC / HR PVC / FRLS / Zero Halogen  
**Unsheathed /Sheathed** - PVC / HR PVC / FRLS



### SINGLE CORE FLEXIBLE CABLES

Multistrand Flexible, upto 1100 V grade PVC Cables  
**Sizes:** Single core 1.0 sq. mm - 1000 sq. mm  
**Referred Standard:** IS:694, BS:6004, BS:6500, BS: 7211, IEC: 60227-1, 2,5 CSA-22.2 No. 38-05  
**Make:** SURAJ

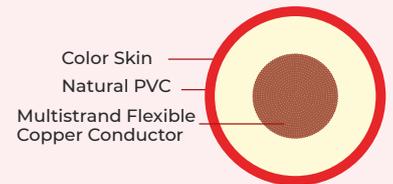
**Conductor** - Bright Annealed plain/tinned Copper  
**Insulation** - PVC/ HR PVC/ FRLS PVC / Zero Halogen



### HOUSE WIRES

PVC Flexible Sheathed Wires 1.1 kV grade  
**Sizes:** 0.50 sq. mm upto 10 sq. mm  
**Referred Standard:** IS:694, BS:6004, BS:6500, BS: 7211, IEC: 60227-1, 2,5 CSA-22.2 No. 38-05  
**Make:** SURAJ

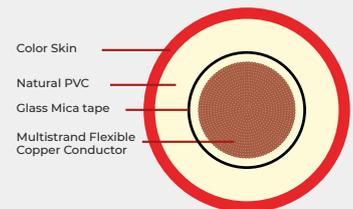
**Conductor** - Stranded annealed Copper  
**Insulation - (FR)** - Flame retardant PVC ; Flame Retardent Low Smoke(FRLS) PVC / Zero Halogen(FRLSH) PVC



### FIRE SURVIVAL WIRES

Flexible Cables upto 450/750 V  
**Sizes:** Single Core 1.0 upto 240 sq. mm  
**Referred Standard:** IS: 1554(P-1), IS: 9968, BS: 5467, VDE-0207, BS-6346, IEC 60331, BS: 5746, IEC 60502-1, BS-7846, BSEN-6081 I & II, IEC: 60092, NEK-606, BS:6883, BS: 6387  
**Make:** SURAJ

**Conductor** - Stranded Flexible Copper  
**Insulation** - Glass mica tape & HFFR Compound



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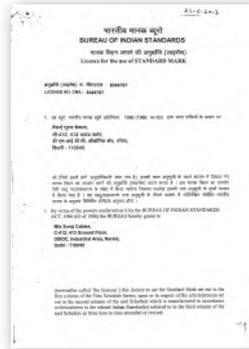
**IS 14255**



**IS 694**



**IS 1554**



**IS 7098**



**CE**



**ISO 9001-2015**



**ISO 14001 2015**



**MSME REGISTRATION**



**NSIC REGN**



**CIDC CERIFICATE**

## APPROVALS (Many More)



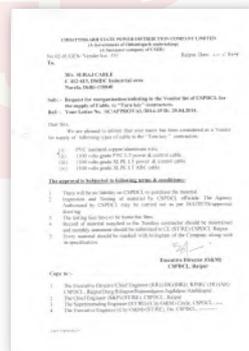
**APGENCO**



**BHEL**



**NTPC**



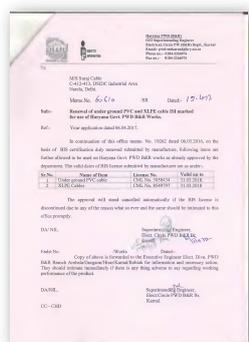
**CSPDCL**



**DHBVN**



**PGCIL**



**PWD (B&R)**



**PWD LKO**



**BHEL PEM**



**UHBVNL**





# SURAJ CABLES

# PERFORMANCE CERTIFICATES



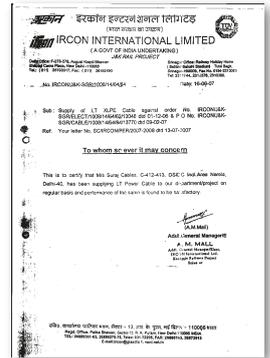
**BPCL**



**BSES**



**DTL**



**IRCON**



**GEPDEC**



**AVVNL**



**KPCL**



**MP-INDORE-ABC**



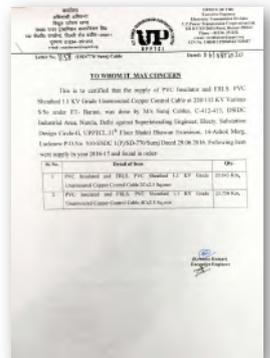
**NKG**



**SC&D**



**REW**



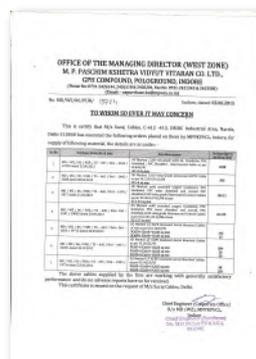
**UPPTCL**



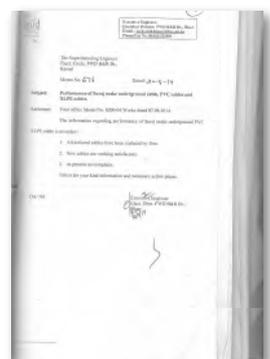
**MPMKVVCL BHOPAL**



**JE**



**MPMKVVCL INDORE**



**PWD**

(Many More)



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# CLIENTELE



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