



VANKAL
Power to Durable Infra



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Founded in 2011, Vankal Group is one of Central India's largest and most diversified business conglomerates. More than just a business, we are a community driven by entrepreneurial vision, innovation, and a commitment to excellence. Our presence spans Agriculture, Education, Packaging, Real Estate, Social Services, Solar Power, and Iron & Steel.

Over the past decade, we've grown from our agricultural roots into a powerhouse with strong pillars across multiple industries. With a focus on sustainable development and social responsibility, each venture contributes to building a better future.

Our Iron & Steel division exemplifies our engineering strength and creative execution. With steel at our core, we transform bold ideas into reality through advanced in-house technology and expertise—turning innovation into impact, one structure at a time.



ABOUT
US



ABOUT THE PLANT

Vankal Group's manufacturing plant is strategically located in Tilda, Chhattisgarh—a renowned hub for steel and allied industries. This location provides a distinct advantage through easy access to competitively priced raw materials, skilled manpower, and well-established industrial networks. The plant is seamlessly connected by road and rail, ensuring smooth transportation of raw materials, finished goods, and personnel.

Our facility boasts extensive fabrication capabilities and houses a fully integrated two hot-dip galvanizing plant with a 13-meter and 8-meter tank. This enables us to meet complex and large-scale product requirements efficiently and under one roof. Our infrastructure ensures timely delivery and high-quality standards, giving us a competitive edge in the market. Vankal's commitment to innovation, scale, and speed makes us a trusted partner for clients across sectors.



VISION

At Vankal Group, our vision is to become the most preferred global manufacturer of integrated steel products and a trusted solutions provider across diverse industries. We aim to achieve this by consistently excelling in the design, fabrication, and delivery of products that meet the ever-evolving needs of our customers and the dynamic demands of the industry.

Driven by innovation, our approach combines cutting-edge technology, robust infrastructure, and a highly skilled team committed to excellence. We focus on creating value through precision, performance, and responsiveness-ensuring our solutions are not only effective but also future-ready.

With a customer-first mindset and a passion for continuous improvement, we strive to set new benchmarks in quality, reliability, and service emerging as a global force in the steel manufacturing landscape.

YES ATTITUDE

We embrace challenges with "Yes" mindset, using the latest technology to meet customer needs.

INTEGRITY

The foundation of every relationship with our stakeholders.

INNOVATION

We challenge the status quo, creating best-in-class, sustainable products and solutions.

ETHICS

We believe in doing what is right and acceptable in all times.

OPTIMISM

A positive mindset drives progress, growth, and success.

OPEN COMMUNICATION

We encourage Honest, Open, and Two-Way (HOT) communication from the factory floor to the boardroom.

OWNERSHIP

Taking personal responsibility and accountability for our actions benefits both customers and the organization.

PRIDE IN OUR WORK

Our products are the backbone of global infrastructure, and we take pride in our contributions.

TRANSPARENCY

We uphold clarity and honesty in all our dealings, building trust with customers and stakeholders.

TEAMWORK

Alone we can do so little; together, we can do so much.

TREAT PEOPLE RIGHT

We treat others as we wish to be treated, fostering respect and fairness.



VALUES



**PRODUCT
RANGE**

Dura Mast

**HIGHMAST
AND POLE
DIVISION**



HIGH MAST

We offer a variety of high masts suiting to the requirements of cross roads, airports, large open spaces, exhibition grounds, industrial areas which require high mounted light structures. These masts are engineered using high end designs factoring load of the lights, accessories, height of the mast, wind speed and weather conditions ensuring that the masts remain safe and long lasting. Needless to say, the masts provide impressive aesthetics and comply to the highest/ stipulated quality standards and specifications to ensure that the products deliver quality performance, durability and reliable services. Manufactures about 40 mtr Height.



STADIUM MAST

With a highly qualified and experienced design team, we specialize in designing and manufacturing stadium masts tailored to meet a wide range of requirements—from world-class international stadiums to local training grounds. Each mast is thoughtfully engineered to deliver not only functional excellence but also impressive aesthetics, enhancing the overall visual appeal of any sporting venue. We adhere strictly to the highest industry standards and specifications, ensuring every product offers superior performance, long-term durability, and reliable service. Our commitment to quality guarantees that our masts consistently meet the expectations of demanding environments and discerning clients alike.



FLAG MAST

We offer flag masts in a variety of sizes suitable for government offices, public spaces, universities, school and college campuses, parks, and more. These structures are specially engineered for ease of daily use and are designed with consideration for local wind speeds and weather conditions, ensuring long-lasting durability for decades. Built to combine strength with visual appeal, our flag masts enhance their surroundings while meeting the highest quality standards and specifications. Each mast is crafted to deliver outstanding performance, reliability, and durability, making them a dependable choice for any location.



LIGHTING POLES

We offer street light poles that not only illuminate roads and pathways at night but also enhance their visual appeal during the day. Our extensive range of poles is designed with careful consideration of local weather conditions, functional requirements, and the aesthetics of each specific site or project. Each pole is manufactured to meet strict quality and industry standards, ensuring consistency and reliability. With a focus on both performance and appearance, our poles deliver exceptional durability, long-lasting service, and impressive aesthetics, making them a dependable and visually pleasing solution for any urban or rural setting.



TRAFFIC & GANTRY

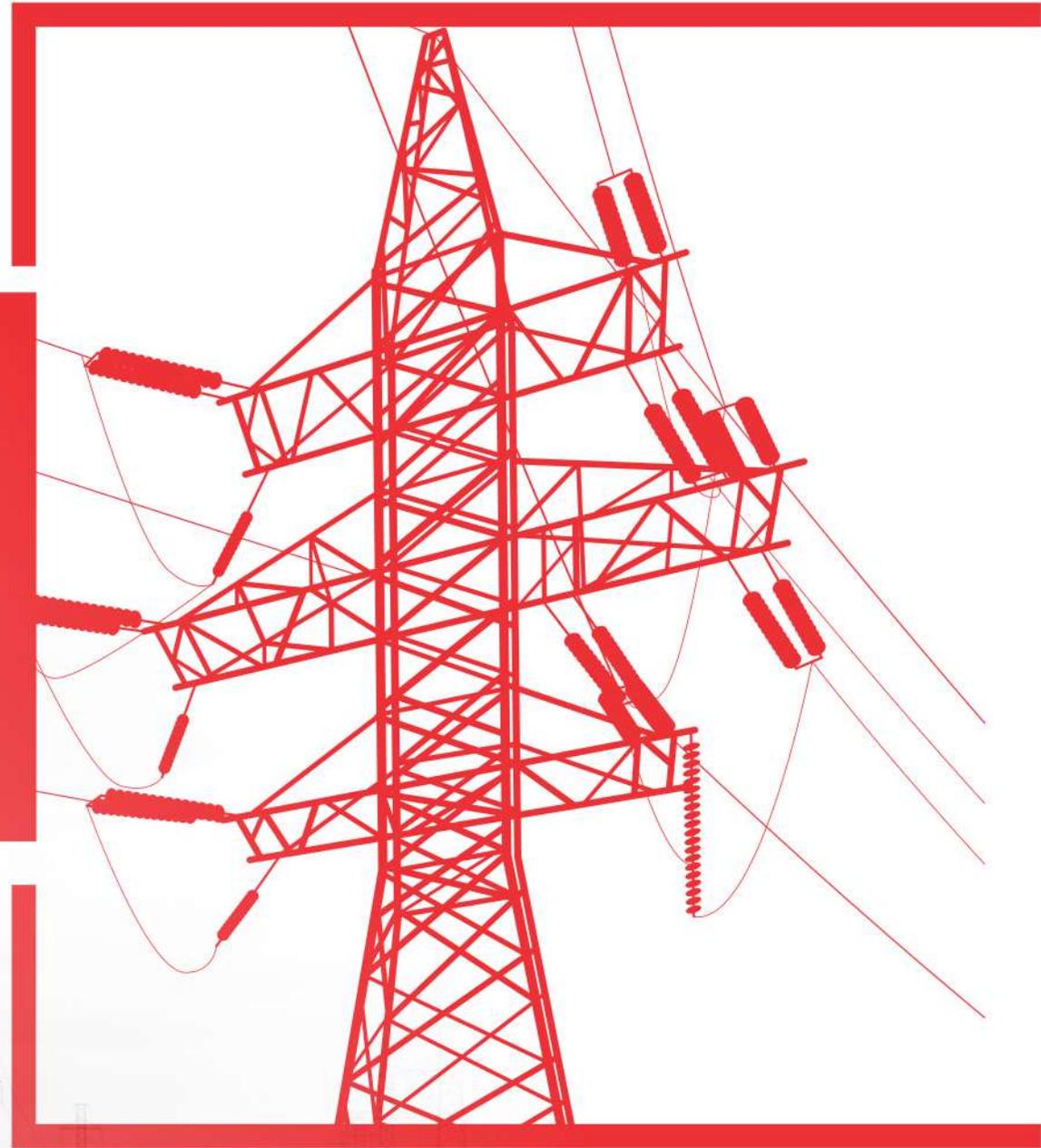
We design and offer F-type cantilevers and gantry structures tailored to meet the specific requirements of EPC contracts for roads, residential projects, industrial sheds, and more. Our structures can be prefabricated based on customized designs, using high-grade materials to ensure strength, reliability, and ease of on-site installation.

Designed for both functionality and aesthetics, these structures are engineered to withstand demanding conditions. Needless to say, they comply with the highest stipulated quality standards and specifications, delivering outstanding performance, long-term durability, and dependable service across a wide range of applications and environments.





TRANSMISSION LINE TOWER (TLT DIVISION)



TRANSMISSION AND TELECOMMUNICATION TOWERS

VCTL is a leading manufacturer of Transmission Line and Telecom Towers in India. Using advanced CNC and other machines, we produce towers for voltage ranges from 66 kV to 765 kV, including CHT/VHT/UHT HDVD to AC towers in Twin, Quad, and Hex conductor configurations. Our offerings include suspension, tension, angle, and terminal towers—ensuring durability and reliability. We also cater to telecom needs with ground-based, rooftop towers, and monopoles, essential for mobile networks, internet, emergency communication, IoT, smart cities, and remote coverage.

With deep expertise and modern manufacturing facilities, VCTL delivers customized solutions and is recognized as a trusted partner for transmission and telecom tower projects across India.



RURAL ELECTRIFICATION

We manufacture and supply a complete range of hot-dip galvanized fabricated steel structures that meet all structural requirements for rural electrification projects. Our in-house fabrication and galvanizing facilities have a combined capacity of over 20,000 MT per annum, enabling us to efficiently deliver high-quality structures tailored for the transmission and distribution of 11 KV power. Designed for strength, durability, and ease of installation, our structures are built to withstand harsh environmental conditions while ensuring reliable performance. We are committed to supporting rural electrification with dependable solutions that meet the highest industry standards.





RAILWAYS DIVISION



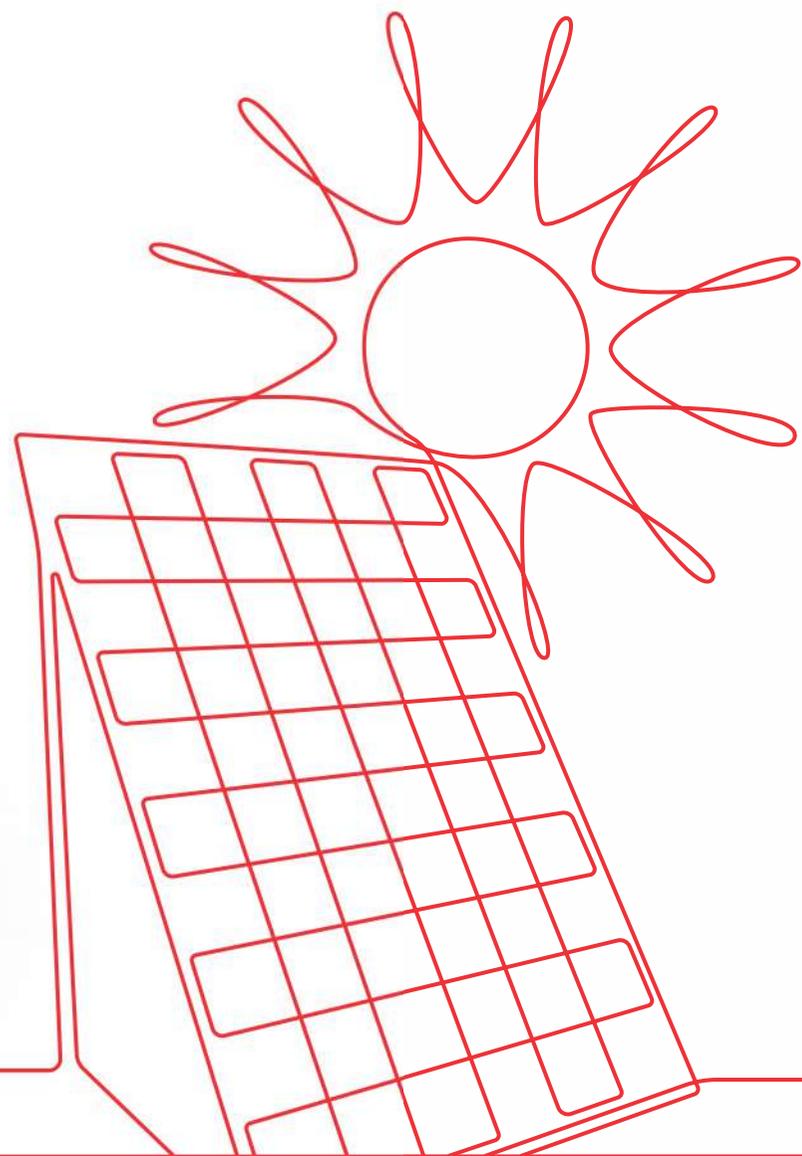
RAILWAY STRUCTURES

We offer a wide variety of Railway Electrification Structures designed to meet the specific requirements of diverse rail infrastructure projects. Our solutions cater to Network Electrification, Dedicated Freight Corridors, and Urban Transit Systems including Metro and Monorail projects. Each structure is engineered for high performance, durability, and ease of installation, using top-grade materials and precision manufacturing techniques. With a focus on quality and reliability, our electrification structures comply with all relevant standards, ensuring safe and efficient operation across a wide range of railway applications and demanding project environments.





SOLAR DIVISION

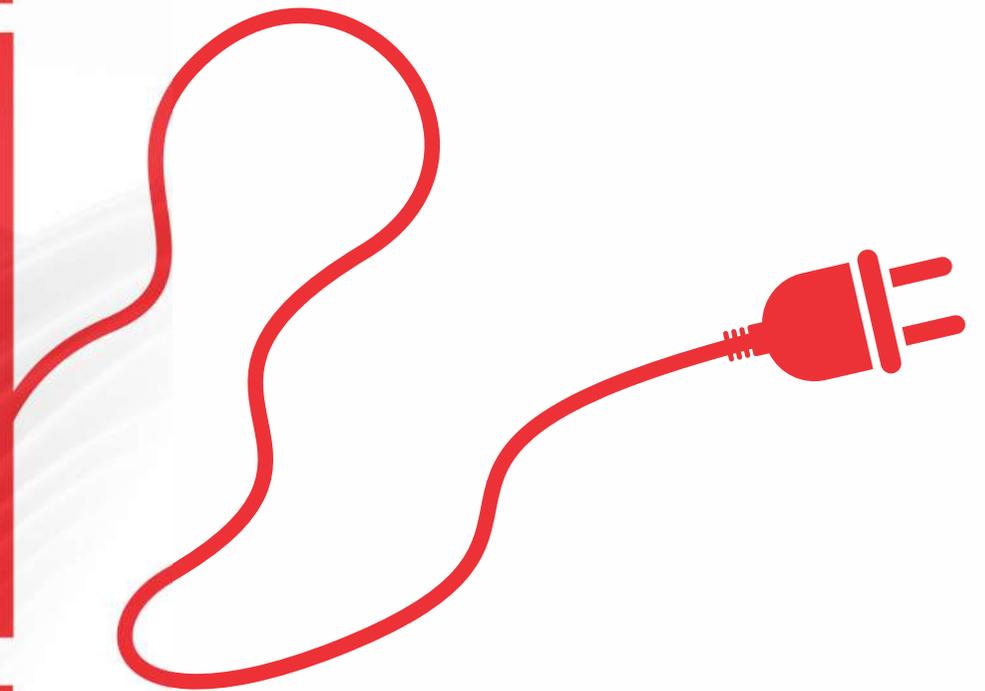


SOLAR STRUCTURE

We offer a complete range of module mounting structures for PV-based solar power systems, tailored to meet the requirements of all types of ground-mounted solar installations. Our comprehensive solutions include all essential structural components such as C Channel, Z Channel, Equal Angle, Sigma Section, Top Hat, C Purlin, Z Purlin, and Strut Channel—conveniently available under one roof. Designed for strength, durability, and ease of installation, our mounting structures ensure optimal support and long-term performance. Each component is manufactured to meet stringent quality standards, making them reliable for diverse solar power applications.

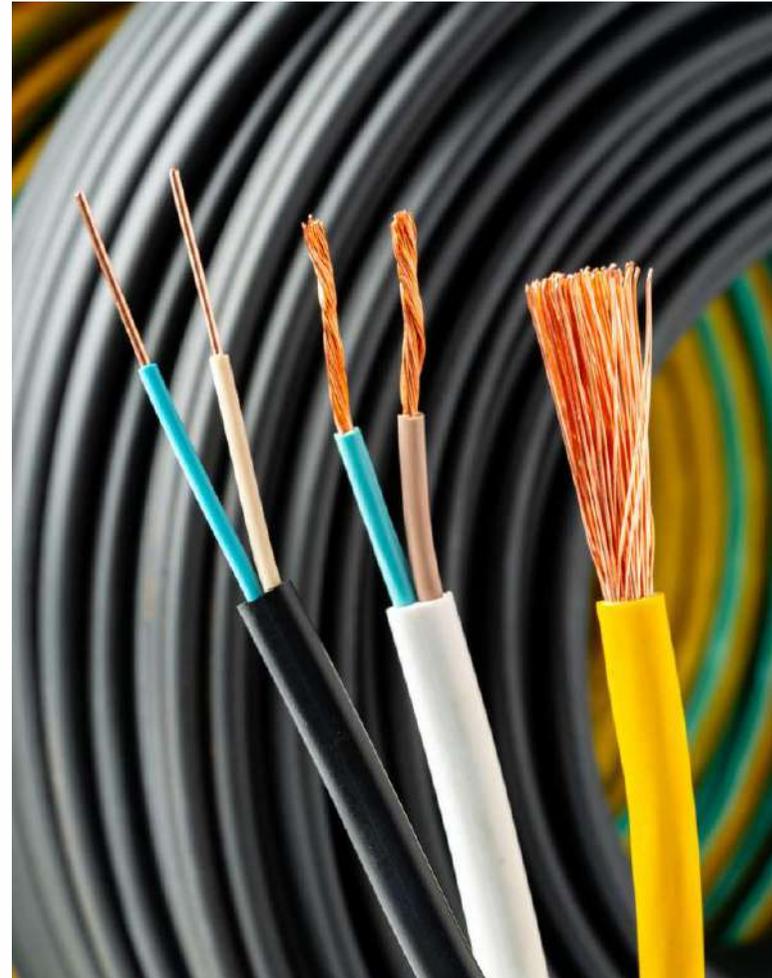


**CABLES &
WIRES
DIVISION**



POWERING THE FUTURE WITH PRECISION, PERFORMANCE & RELIABILITY

Our upcoming Wire & Cable Division is set to become a driving force in delivering next-generation connectivity and power solutions across industrial, commercial, and residential sectors. Designed with a forward-thinking vision, the division will integrate cutting-edge manufacturing technologies, automated production systems, and globally recognized quality standards to produce cables and wires that meet the evolving needs of modern infrastructure. With a strong focus on innovation, safety, and customer satisfaction, our upcoming division ensures that every cable and wire offers exceptional performance, long service life, and dependable operation in even the most demanding environments.



Product Type



PVC Power Cable



PVC Control Cable



XLPE Power Cable



XLPE Power Cable



Rubber Cable

Construction

Conductor: Copper or Aluminum
Insulation: Polyvinyl chloride (PVC)
Wrap tape: Non-woven fabric or PP wrapping tape
Outer sheath: Polyvinyl chloride (PVC)

Conductor: Copper
Insulation: Polyvinyl chloride (PVC)
Wrap tape: Non-woven fabric or PP wrapping tape
Outer sheath: Polyvinyl chloride (PVC)

Conductor: Copper or Aluminum
Insulation: CROSS LINKED POLYETHYLENE
Wrap tape: Non-woven fabric or PP wrapping tape
Outer sheath: Polyvinyl chloride (PVC)

Conductor: Copper
Insulation: CROSS LINKED POLYETHYLENE
Wrap tape: Non-woven fabric or PP wrapping tape
Outer sheath: Polyvinyl chloride (PVC)

Conductor: Flexible Annealed Copper wire
Insulation: Rubber compound or PVC
Sheath: Rubber Compound

Specification

Rated Voltage: 0.6/1.1 kV
Test Voltage: 3.0 kV (5 min)
Core: 1C, 2C 3C, 3+1C, 4C, 5C
Cross Section: 1.5~400 sqmm
Outer Sheath Color: Black (customized)
Standards: IS 1554-1, IEC/BS

Rated Voltage: 600/1100
Core: 2C~37C
Cross Section: 0.5~2.5 sqmm Outer
Outer Sheath Color: Black (customized)
Standards: IS 1554-1, IEC/BS

Rated Voltage: 0.6/1.1 kV
Test Voltage: 3.0 kV (5 min)
Core: 1C, 2C 3C, 3+1C, 4C, 5C
Cross Section: 1.5~400 sqmm
Outer Sheath Color: Black (customized)
Standards: IS 7098-1, IEC/BS

Rated Voltage: 600/1100
Core: 2C~37C
Cross Section: 0.5~2.5 sqmm Outer
Outer Sheath Color: Black (customized)
Standards: IS 7098-1, IEC/BS

Rated Voltage: 450/750,600/1000V
Test Voltage: 3.0 kV (5 min)
Core: 1C, 2C 3C, 3.5C, 4C, 5C
Cross Section: 0.5~400 sqmm
Outer Sheath Color: Black
Standards: IS/IEC/BS

Technical Data

Max temperature of short circuit: 160°C
Max operating temperature: 70°C
The lowest circumstance temperature of installation: -5°C

Min Bending Radius
Single core: 200D±5%
Multi-core: 150D±5%
(Remark: OD is outer diameter of power cable)

Max temperature of short circuit: 160°C
Max operating temperature: 70°C
The lowest circumstance temperature of installation: -5°C

Min Bending Radius
6(D+d)±5%(mm)
(Remark: OD is outer diameter of Control cable)

Max temperature of short circuit: 250°C
Max operating temperature: 90°C
The lowest circumstance temperature of installation: -5°C

Min Bending Radius
Single core: 200D±5%
Multi-core: 150D±5%
(Remark: OD is outer diameter of power cable)

Max temperature of short circuit: 250°C
Max operating temperature: 90°C
The lowest circumstance temperature of installation: -5°C

Min Bending Radius
6(D+d)±5%(mm)
(Remark: OD is outer diameter of power cable)

Max temperature of short circuit: 160°C
Max operating temperature: 70°C

Min Bending Radius
5(D+d)±5%(mm)
(Remark: OD is outer diameter of power cable)

Product Type



PVC Wire



Insulated Aerial LI



Bare Conductor
(AAC/ASR/AAAC/ACCC)



PVC Arm Power
Cable



XLPE Arm Power
Cable

Construction

Conductor: Copper or Aluminum
Insulation: Polyvinyl chloride (PVC)

Conductor: Hard drawn aluminium
Insulation: Crosslinked Polyethylene (XLPE)

Conductor:
1. Hard Drawn Aluminium
2. Hard Draw Aluminium + Steel Wire
3. Aluminium Alloy Conductor
4. Aluminium composition core conductor

Conductor: Copper or Aluminum
Insulation: Polyvinyl chloride (PVC)
Wrap tape: Non-woven fabric or PP wrapping tape
Armour -1C: Al/Copper Wire/ Strip
Above 1 Core: GI Wire/Strip
Outer Sheath: Polyvinyl Chloride (PVC)

Conductor: Copper or Aluminum
Insulation: Polyvinyl chloride (PVC)
Wrap tape: Non-woven fabric or PP wrapping tape
Outer sheath: Polyvinyl chloride (PVC)

Specification

Rated Voltage: 450/750V, 600/1000V
Core: 1C
Cross Section: 1.5-240 sqmm
Outer Sheath Color: Black, Red, Yellow etc.
Standards: IS 694, IEC/BS

Rated Voltage: 1kV, 10kV
Core: 1C
Cross Section: 10-400 sqmm
Outer Sheath Color: Black (customized)
Standards: IS/IEC/BS/SABS

Rated Voltage: 1kV, to 220 KV
Standards: IS /IEC/BSEN/US

Rated Voltage: 0.6/1.1 kV
Test Voltage: 3.0 kV (5 min)
Core: 1C, 2C 3C, 3.5C, 4C, 5C
Cross Section: 1.5-400 sqmm
Outer Sheath Color: Black (customized)
Standards: IS 1554-1,IEC/BS

Rated Voltage: 0.6/1.1 kV
Test Voltage: 3.0 kV (5 min)
Core: 1C, 2C 3C, 3+1C, 4C, 5C
Cross Section: 1.5-400 sqmm
Outer Sheath Color: Black (customized)
Standards: IS 1554-1,IEC/BS

Technical Data

Max temperature of short circuit: 160°C
Max operating temperature: 70°C
The lowest circumstance temperature of installation: -5°C

Min Bending Radius
Single core: 20OD±5%
Multi-core: 15OD±5%
(Remark: OD is outer diameter of power cable)

Max temperature of short circuit: 250°C
Max operating temperature: 90°C
The lowest circumstance temperature of installation: -5°C

Core: 1C
Cross Section: 16-1000 sqmm

Max temperature of short circuit: 160°C
Max operating temperature: 70°C
The lowest circumstance temperature of installation: -5°C

Min Bending Radius
Single core: 20OD±5%
Multi-core: 15OD±5%
(Remark: OD is outer diameter of power cable)

Max temperature of short circuit: 160°C
Max operating temperature: 70°C
The lowest circumstance temperature of installation: -5°C

Min Bending Radius
Single core: 20OD±5%
Multi-core: 15OD±5%
(Remark: OD is outer diameter of power cable)

CERTIFICATIONS & COMPLIANCE



Quality Management Systems

CERTIFICATE



Environmental Management Systems

CERTIFICATE



Occupational Health & Safety Management System

CERTIFICATE

CLIENTS & PARTNERSHIPS

The logo for Adani, featuring the word "adani" in a lowercase, sans-serif font. The letters "a", "d", and "n" are in blue, while "a", "n", and "i" are in purple.

Adani Group

The Tata logo, consisting of a blue stylized 'T' symbol above the word "TATA" in a bold, blue, sans-serif font.

Tata Group

The logo for Ashoka Buildcon Limited, featuring the word "ASHOKA" in a bold, sans-serif font with a stylized orange and black 'O', and "Ashoka Buildcon Limited" in a smaller font below it.

Ashoka Buildcon Limited

The IndianOil logo, featuring a circular emblem with the Hindi text "इंडियनऑयल" (Indian Oil) inside, and the word "IndianOil" in a bold, sans-serif font below it.

Indian Oil

The logo for Gaja Engineering, featuring the word "GAJA" in a bold, blue, sans-serif font above "ENGINEERING" in a smaller font, with a stylized blue and purple geometric shape to the right.

Gaja Enginereeing

The logo for STS Infracon Private Limited, featuring the letters "STS" in a bold, blue, sans-serif font with an orange arrow pointing upwards and to the right, and "STS INFRACON PRIVATE LIMITED" in a smaller font below it.

STS Infracon private limited

The logo for NKC Projects Pvt. Ltd., featuring a stylized blue and white geometric shape above the text "NKC Projects Pvt. Ltd." in a sans-serif font.

NKC Pojects pvt ltd.

The logo for Suryacon Building Trust, featuring the word "SURYACON" in a bold, blue, sans-serif font above "BUILDING TRUST" in a smaller font, with a stylized blue and yellow geometric shape to the right.

Suryacon

The logo for Sterling & Wilson, featuring the text "STERLING & WILSON" in a sans-serif font with a stylized red and blue geometric shape to the right.

Sterling & Wilson

The logo for OIL, featuring the word "OIL" in a bold, red, sans-serif font with a blue square above the letter 'I'.

OIL

The logo for L&T, featuring a stylized blue 'L' and 'T' inside a circle.

L&T

The logo for SIPS, featuring a stylized red lightning bolt above the letters "SIPS" in a blue, sans-serif font.

SIPS

APPROVALS



Central Organisation for
Railway Electrification



Madhya Pradesh Power
Transmission Company



Bihar State Power
Transmission Company Ltd.



The Gujarat Energy Transmission
Corporation Limited



Rail Vikas Nigam Limited



Madhya Pradesh Madhya Kshetra
Vidyut Vitran Co. Ltd.



Power Grid Corporation
of India Limited



Adani Group



Chhattisgarh State Power
Transmission Co Ltd

APPROVALS



Central
Lok Nirman Vibhag



Jharkhand Renewable Energy
Development Agency



Public Works Department,
Madhya Pradesh



Public Works Department,
Chhattisgarh



Public Works Department,
Maharashtra



Uttar Pradesh
Lok Nirman Vibhag



Gujarat Road Development
Corporation Limited



Government of
Andhra Pradesh



Bangalore Development
Authority



Electricity Department
of GOA



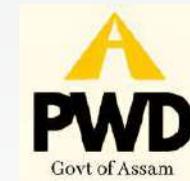
City & Industrial Development
Corporation of Maharashtra Ltd



National Thermal
Power Corporation.



National Highways Authority
of India



Public Works Department,
Govt of Assam



Chhattisgarh State Renewable
Energy Development



VANKAL

Power to Durable Infra

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DuraMast **Dura**Trans **Dura**Rail **Dura**Solar **Dura**Poles **Dura**Safe **Dura**Structures