

Powering India. Built to Last.
Since 1979.

WIRES · CABLES · WIRING HARNESSES

Rajdoot®
Cables

Four decades of quality, made in Faridabad.

A business that began with wires and cables, and now powers homes, industries and the machines India builds.

1979
Founded by Sh. Ved Prakash Goyal

72,000
sq ft plant in Ballabgarh, Faridabad

ISO & BIS
Certified for quality and safety

MSME
Proudly Made in India

RAJDOOT CABLES

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OUR STORY

Founder and Chairman's Message



Sh. Ved Prakash Goyal
Founding Chairman, Rajdoot Cables

I began my career in government service with the Delhi Electric Supply Undertaking (DESU). Those years taught me how electricity reaches people's homes, and how much depends on the wires and cables that carry it. I came to believe that India needed to become self-sufficient in producing and transmitting its own energy, and that good-quality cables could keep a family's home safe for decades.

In 1979, I decided to turn that belief into a business of my own. The beginning was slow, and there were many difficulties to overcome, from logistics to earning the trust of the market. But we held firmly to one principle: never compromise on quality. Over the decades, that principle built our name. Today, people recognise Rajdoot by the quality of what we make.

I am deeply grateful to our customers, dealers, distributors and partners, whose support has carried us this far. I also wish to thank our team at Rajdoot which works tirelessly to help us grow and keep us functioning.

I started this journey on my own, but my family has since then joined me and taken it further, into new products, new industries and a larger scale. I have great hopes for the future, and a firm belief that the Rajdoot Family will keep growing, carrying forward the legacy and reputation we have built together.

ABOUT RAJDOOT

Rooted in Faridabad. Powering India since 1979.

Founded in 1979, Rajdoot Cables manufactures wires, cables and wiring harnesses in Faridabad, one of Haryana's great industrial hubs. It is a city that has powered India's industrial growth for decades and is home to some of the biggest names in manufacturing and as a proud MSME, Rajdoot is woven into its economic fabric. Our team comes from Faridabad and its surrounding communities, so every job we create strengthens the local economy. Over four decades, we have grown immensely in range, manufacturing and scale, and built a name that customers across India associate with reliability and quality. That growth is built by our employees, who work tirelessly for us, and by our customers and dealers, whom we work tirelessly for and whose belief in our quality made us who we are today. Our commitment to quality is what drives our wiring harnesses as well. Indian machines deserve harnesses they can trust, and we are a one-stop solution for the manufacturers who build them: we design high-quality, custom harnesses and offer them at competitive prices, so that in the end, the customer wins.

In the spirit of **Make in India**, everything we make is manufactured locally. Our wires run through homes across the country, and we have worked with Electricity Boards across India to help carry power to every corner, as India builds towards **energy self-sufficiency**.

MSME
सूक्ष्म, लघु एवं मध्यम उद्यम
MICRO, SMALL & MEDIUM ENTERPRISES

MAKE IN INDIA

Powered by Cleaner Energy

We run on solar power wherever possible, and our DG sets use solar and natural gas, as part of our commitment to energy self-sufficiency and a cleaner environment.

WIRES & CABLES

Our foundation. Your one-stop solution.

From house wiring to LT power and control, solar and data cables, Rajdoot makes a complete range of wires and cables in copper and aluminium - both quality and prices that you can trust.



Single Core HRFR
1100 V · IS 694



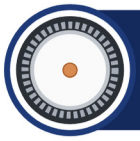
Single Core FR PVC
1100 V · IS 694



Multicore Round PVC
Flexible · 1100 V · IS 694



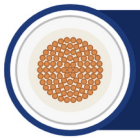
LT XLPE Power & Control
AL / CU · 1.1 kV · IS 7098



Coaxial Cable
RG-6 · RG-11 · RG-59



Speaker Cable
0.5 to 6 sq mm



Single Core FRLS / ZHLS / HFLS
1100 V · IS 694



PVC Submersible Flat Cable
3-core · 1100 V



LT PVC Power & Control
4-core armoured · AL / CU · 1.1 kV · IS 1554



Solar Cable
XLPE · XLPO



Telephone Cable
1 to 200 pairs



Instrumentation Cable
BS 5308 · 1 to 37 pairs





Why Rajdoot Wires and Cables

Wires and cables have been Rajdoot's foundation since 1979. Over the decades, we have steadily brought every stage of production in-house, from drawing the copper to compounding our own PVC and testing the finished cable, with quality checks at every step so that nothing slips past us. This complete in-house foundation is what guarantees the quality of everything we make, including our wiring harnesses.

Energy efficient

Made with high-purity, high-grade copper that achieves close to 101% IACS conductivity, our wires minimise power loss and dissipate heat efficiently, helping to lower electricity bills.

Low voltage drop

Precise conductor sizing, uniform lay and a smooth finish keep voltage drop low, so equipment receives the full power it needs.

Higher current capacity

Low conductor resistance lets our cables carry more current safely, without overheating.

Short circuit protection

Superior insulation and a perfectly centred conductor, held in place by automatic self-centring and online diameter control, guard against the faults behind most electrical fires.

Consistent quality

Every coil passes a 9,000 V spark test, ensuring uniform quality with no weak spots or foreign particles.

High dielectric strength

Our PVC compound is blended in-house for high dielectric strength, so the insulation withstands electrical stress without breaking down.

Double insulated

A thin coloured skin for identification sits over a thick layer of natural virgin PVC, giving higher insulation resistance.

Anti-termite & anti-rodent

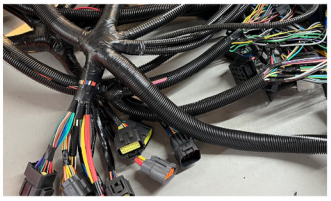
Insulation that repels termites and rodents protects against pest damage, a hidden cause of short circuits and fires.

WIRING HARNESS & ACCESSORIES

Indian machines deserve harnesses they can trust.

From tractors and combine harvesters to buses, cranes, e-autos and air-conditioning systems, we supply harnesses and accessories to manufacturers across industry sectors including transport, construction and agriculture. Whatever you build, Rajdoot can be your one-stop solution. Every machine is different, so we don't just supply parts; we sit down with you, understand your product, and build custom harnesses and PCB relay boards to match your requirements.

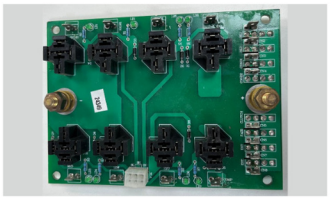
Our Products



Wiring Harnesses



Battery Cables



PCB Relay Circuit Boards (8 & 19 relay)



PCB Aluminium Plates

Applications



Tractors



Cranes & Tower Cranes



Combine Harvesters



Backhoe Loaders



Buses



Refrigeration & Air-conditioning



E-autos & E-rickshaws

...and whatever else you build.

Accessories & Capability

Why manufacturers choose Rajdoot

Our own wire, our own standard
The wire is the backbone of every harness. We make ours in-house, so we control its quality and offer it at fair, competitive prices.

Precision at every step
Automatic cutting, stripping and crimping, followed by 100% continuity and circuit testing before dispatch.

Made to your design
Custom harnesses and PCB relay boards, engineered to your exact specification.

Trusted components
Genuine connectors and terminals from leading brands such as Bosch, Delphi, TE Connectivity (Tyco) and Deutsch.

Always evolving
We keep upgrading our technology and processes, and we grow with our customers, learning from every product we build together.

Growing fast
In just a few years, our harness business has grown significantly, as more and more manufacturers place their trust in us. Our assembly unit runs on top-of-the-line machines for cutting, stripping, crimping and testing.

Empowering local women
90% of our harness assembly team are women from the communities around us.

A complete, ready-to-fit kit

Every harness can be supplied with the accessories it needs, so you receive a complete, ready-to-fit kit from a single partner.

Switches
KPC rocker, hazard and work light switches

Meters & instruments
Speedometers, hour meters, instrument cluster plates

Relays & flashers
Head light relays, relays, mini relays, flashers

Alarms
Buzzers with light, reverse alarms, cabin buzzers

Sensors
AC temperature sensors

Power & comfort
12V DC fans, mobile chargers

MANUFACTURING

Made under one roof.

Everything we make starts on our own 72,000 sq ft production floor. From copper rod to the finished drum, and from cut wire to tested harness, every stage happens in-house.

Wires & Cables: from copper rod to finished drum

01 Conductor: copper or aluminium rod	02 Wire Drawing	03 Annealing	04 Stranding	05 Insulation: PVC / XLPE / PE
06 Curing (XLPE)	07 Laying up & Screening	08 Inner Sheathing	09 Armouring	10 Outer Sheathing
11 Rewinding & Marking	12 Final Testing	13 Packing & Dispatch		

Tested at every stage, to a documented quality assurance plan.
We even make our own PVC in-house, because the insulation is what keeps every wire safe.

Wiring harness: from our wire to your machine

01 Wire from our own production line	02 Automatic cutting & stripping	03 Crimping & seal insertion	04 Assembly on harness boards
05 Taping & sleeving	06 100% circuit testing	07 Pre-dispatch inspection & packing	

Key machinery

MACHINE	CAPABILITY
Fully automatic cutting & crimping with seal insertion	0.35 to 3.0 sq mm
Automatic cutting & stripping machines	0.35 to 6.0 sq mm
Battery cable auto cutting & stripping	3.0 to 95 sq mm
Crimping machines & power press	2 to 20 ton
PVC taping & sleeve cutting machines	Harness finishing
Wire production lines	Wire drawing, annealing, bunching, extrusion, core laying & rewinding

QUALITY & TESTING

Quality checked at every stage, not just at the end.

Our in-house laboratory tests raw materials, work in progress and finished products against Indian and international standards.



ISO 9001:2015

Quality Management



ISO 14001:2015

Environmental Management



ISO 45001:2018

Occupational Health & Safety

BIS-certified, ISI-marked wires & cables

Manufactured to Indian Standards and certified by the Bureau of Indian Standards, for safety you can trust.

Wire & Cable Testing

Spark test	Every coil tested at 9,000 V
Routine tests	Conductor resistance and high-voltage tests on every length before it leaves the plant

- Tensile strength testing
- Annealing & elongation testing
- Wrapping & torsion tests
- Smoke density testing
- Conductivity (% IACS) verification
- DC conductor resistance test
- Insulation resistance (IR) test
- Thermal & ageing tests
- Continuity check

Harness Testing

- Circuit testing
- Assembly & circuit boards
- Wire load tester
- Engine safety controller tester
- Push-pull tester
- Multimeters, micrometers & digital verniers

OUR CLIENTS

Trusted by

From Public Sector Undertakings and Electricity Boards to leading equipment manufacturers.

Power & Public Sector

एनटीपीसी NTPC

एनएचपीसी NHPC

भारतीय रेल INDIAN RAILWAYS

बीएचईएल BHEL

विद्युत् ब्रह्मेति
MP ELECTRICITY BOARD

JAMMU POWER

Harness & Equipment Manufacturers

OSM
OMEGA SEIKI MOBILITY

ACE

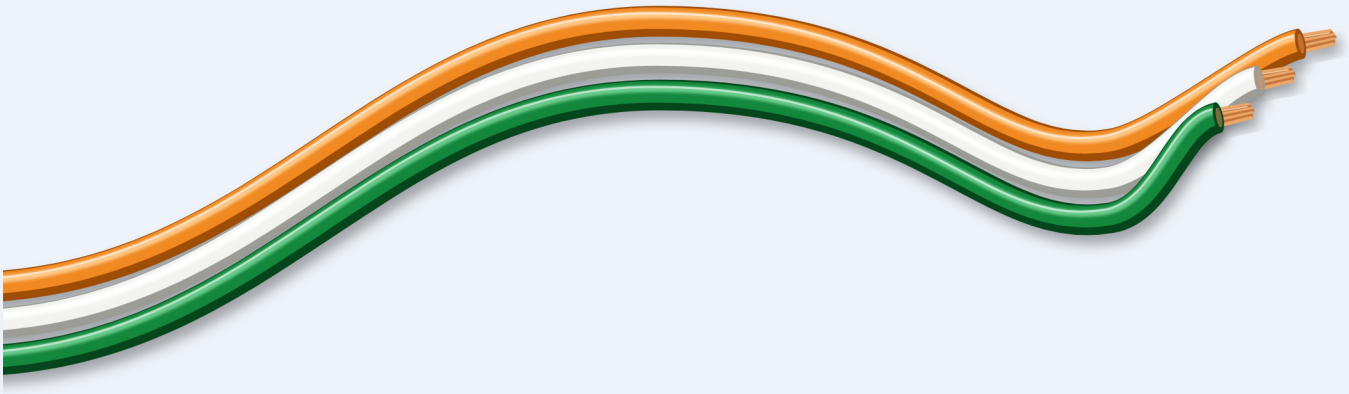
SIOWAL

PREET

ONIS VISA

MALKIT

...and many more



Proudly Made in India

Rajdoot® Cables

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Rajdoot Cables Private Limited

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