

Wire Harness Assemblies

SAISONIC

Since 1992

We develop value-added solutions

We rethink the user experience

东莞西力电子有限公司

Dongguan Saisonic Electronics Co.,Ltd.

www.dgsaison.com

All types of cable & wire harness to support your project and business

As a leading custom manufacturer of wire harness assembly in China, SAISONIC has more than 30 years of experience in wiring harness manufacturing. We build all types of wiring harnesses according to your specific needs. With the most advanced technology and equipment, we can build an economic and perfect solution for you!

Wiring Harness Factory Support Your Projects

No matter what type of electric cable assemblies you need for your project, SAISONIC can always meet demands. As one of the skilled custom wiring harness manufacturers, SAISONIC is familiar with wire harness and cable assembly applications. Taking into account all of the details, SAISONIC can help you design custom cable harness solutions to support your projects.

Why SAISONIC is trusted by many clients 500+ clients all over the world

More than 30 years of experience in manufacturing wire harness assemblies

SAISONIC has more than 30 years of wire harness and cable assembly manufacturing experience. We can provide you with a wide range of OEM wire harness for your project.

Wire & Cable Manufacturing Capabilities

SAISONIC is equipped with a variety of devices and technologies for manufacturing custom wire harnesses and cable assemblies.

- cutting & stripping & crimping & termination
- twisting wire and connector assembly
- cable bundling & sleeving & wrapping & gluing
- soldering & marking & labelling & testing

A variety of wire types

High performance wire materials, PVC, SR-PVC, XLPE, TPE, PTFE, PU, etc. to meet the unique application.

Factory ISO certified UL Certified

SAISONIC has a complete quality management system, certified ISO9001, ISO14001, ISO13485, ISO45001, IATF16949 and SONY Green Partner.

Original & alternative connector

Original Tyco, AMP, Molex, JST, Hirose, JAE, Aptiv, Amphenol, Yazaki and we will also recommend alternative connectors & wires to save cost for you.

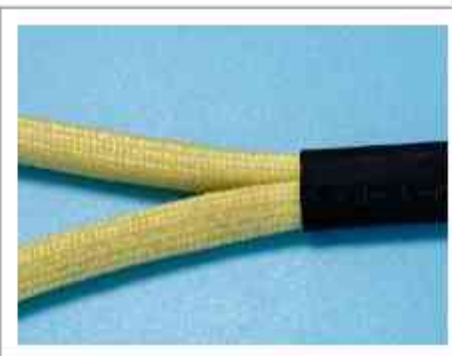
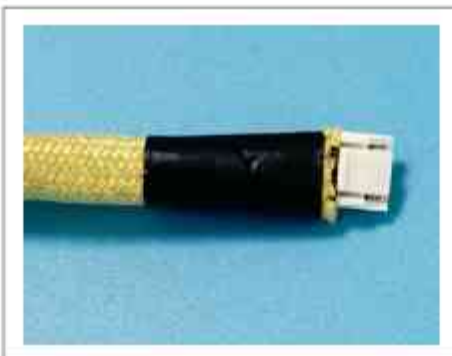
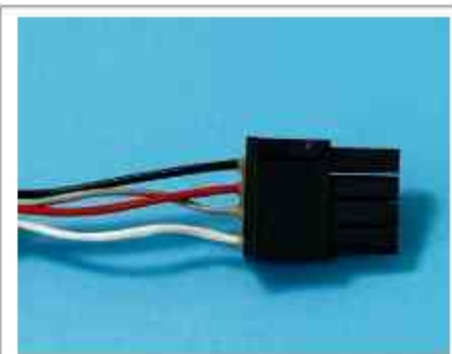
RoHS & REACH & HF.

Our wiring loom harness raw material are RoHS & REACH & POPs & SVHC & CMRT & EMRT compliant, tested by SGS.

Contact With Experts

Request For Catalog

Molex connector wire harness



Molex is a globally leading supplier of connectors. SAISONIC, as a leader in the wire harness processing and manufacturing industry, offers you a wide range of electronic wire harness components composed of molex series connectors. With their outstanding quality, precision and reliability, they provide innovative connections for your project, thereby enhancing performance, durability and seamless integration across industries.

The types of Molex connector wire harnesses provided by SAISONIC:

■ . Automotive electronic wiring harness

MX150™ Sealed

Mini50™

MobilSpeed®

■ . Industrial automation wiring harness

Micro-Fit 3.0™

Mega-Fit™

Brad® Series

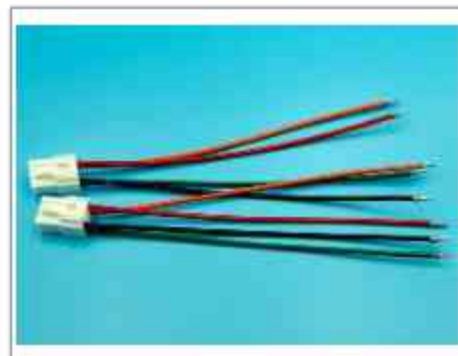
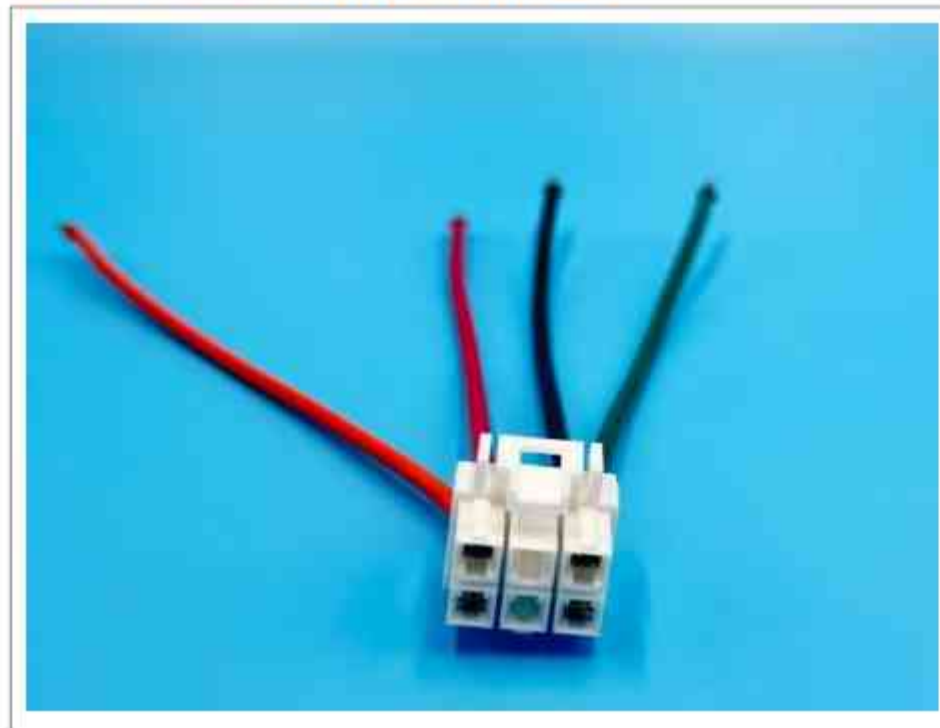
■ . Consumer electronics and IT equipment

PicoBlade® /Pico-Clasp™

SAS/SATA connector

DDR memory connector

TE connector wire harness



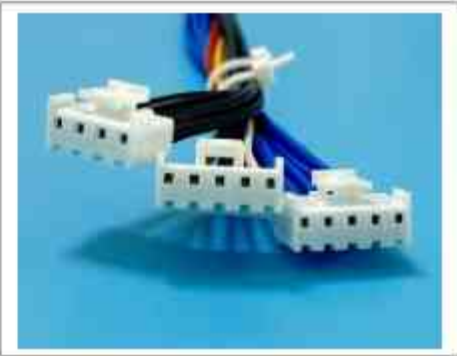
At SAISONIC, AMP Tyco TE connector harness assemblies have significant advantages. They are highly customizable, offer fast delivery and are sold directly from the factory. We meet the design requirements of our customers. Close cooperation with customers helps us eliminate any chance of error in the final design of TE wiring harness products.

Tyco (TE) Connector Series:

TE Connectivity offers a wide range of connector products for various applications

- . AMP SUPERSEAL Series: Designed for waterproof applications, these connectors meet IP67 standards and are commonly used in automotive and industrial equipment.
- . HVA Series: High-voltage connectors widely used in electric vehicles and new energy systems.
- . Rectangular Connector Housings From high-volume consumer appliances to specialized, low-volume industrial solutions. Power triple lock (PTL) connectors, many types of MATE-N-LOK connectors, dynamic series connectors, METRIMATE connectors, HTS connectors, and VAL-U-LOK connectors are some of the types available.

JST connector wire harness



A wiring harness is a set of pre-assembled wires, connectors and terminals used to connect multiple electronic components within a device. JST (Japanese solderless terminal) wiring harness is a specific type of wiring harness that uses JST connectors to provide electrical connections.

SAISONIC produces a large number of JST terminal harnesses. SAISONIC offers JST Wiring Harness types: Every year, we buy a large number of JST connectors used for all kinds of custom wire harness assembly, according to the regular usages, we stock many connectors in our warehouse, like XH, PH, JWPF, GH, SM, SUR, VH, ZH, PA, EH, etc. this could help us delivery products to our customer on time. Pitch 0.6mm JST XSR Series Connector wiring harness

- | | | |
|--------------------------------------|--------------------------------------|--------------------------------|
| ■ . Pitch 0.8mm JST SUR.SUH Series | ■ . Pitch 1.0mm JST SH.SR Series | |
| ■ . Pitch 1.25mm JST GH Series | ■ . Pitch 1.5mm JST ZH Series | |
| ■ . Pitch 2.0mm JST PA.PH.PHD Series | ■ . Pitch 2.5mm JST SM.XH.SCN Series | |
| ■ . Pitch 2.54mm JST RA.RF | ■ . Pitch 3.0mm BSS Series | |
| ■ . Pitch 3.96mm JST VH Series | ■ . Pitch 4.0mm JST BH Series | |
| ■ . Pitch 5.0mm JST DV Series | ■ . Pitch 6.0mm JST JFA Series | ■ . Pitch 7.0mm JST MWP Series |

Hirose connector wire harness



Through our exclusive sourcing channels, we deliver Hirose connectors at unmatched value, ensuring superior quality, reliability, and performance for your most demanding applications, setting your projects apart with cutting-edge solutions.

Hirose Wire harness industrial application

■ . Car:

Hirose Wire harness offers solutions ranging from standard sealed or unsealed connector products to custom power and signal harnesses for motor vehicles and in-vehicle entertainment.

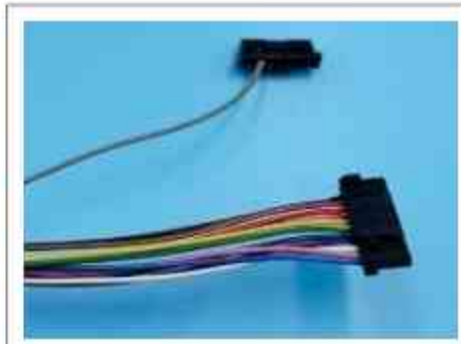
■ . Household appliances

Hirose Wire harness and user interface product series are rich and diverse, helping engineers to easily design innovative new home appliances.

■ . Medical

The Hirose Wire harness interconnection product portfolio is rich, diverse, creative, reliable and durable, and has unlimited application prospects in the medical device industry.

Multi-conductor cable harness



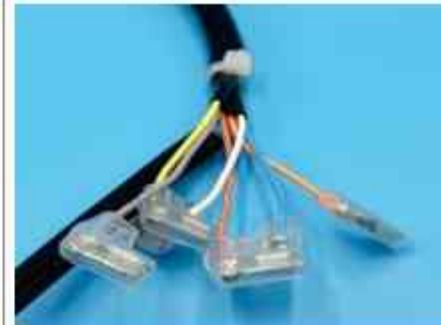
A multi-conductor cable harness contains at least two separate conductors within a single sheath, making it a particular case of the twisted cable type. Depending on the setup, these cables can have anywhere from two to several individual conductors.

Multi-Conductor Cable Insulation & Jacket Materials The following is a list of some of the most frequently used jacket materials for multi-conductor cable assemblies:

1. PVC, or polyvinyl chloride, is a material that is inexpensive, flexible, and long-lasting, making it suitable for use in a variety of settings.
2. Polyethylene (PE) is a less flexible polymer but provides increased insulation and resilience to the elements.
3. Polyurethane (PUR) is a popular material used in coil cord applications due to its excellent shape memory. Polyurethane is flexible and resistant to abrasion.
4. Thermoplastic rubber or elastomer, also known as TPE or TPR, is a material that is both flexible and durable. It is a solution that is more cost-effective than thermosets for applications that take place at low temperatures.

Whether you have questions, need a custom solution, or just want to chat about the possibilities, our team at SAISONIC is ready to assist.

Flag terminal wire harness

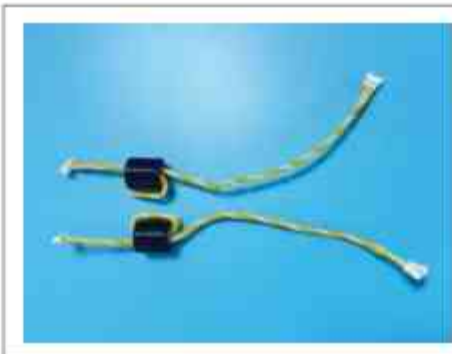
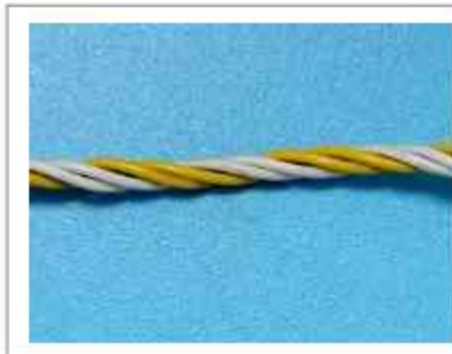
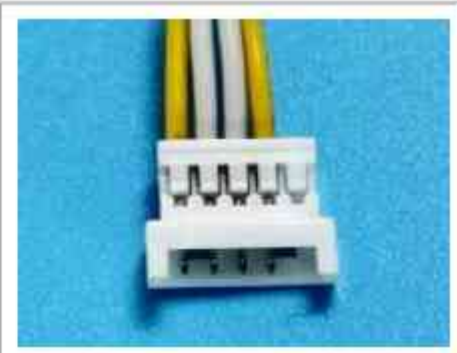


Over 30 years expert, SAISONIC provides a wide range of custom made wiring harnesses with different size and type selection of terminal. applicable to home appliance, electronic device, industrial equipment, computer machine and automobile industry basing on customer design requirements.

The types of terminal harnesses provided by SAISONIC include the following:

- . 187 series (0.187" x 0.020") flag terminal wire harness
- . 187 series (0.187" x 0.032") flag terminal wire harness
- . 250 series (0.250" x 0.032") flag terminal wire harness
- . Quick Disconnect Terminal Wiring Harness
- . Wire Harness Crimp Bullet Ends
- . Spade Terminal (Fork Terminal) Wire Harness
- . Copper Cable Lug Wire Harness

Custom twisted pair wire harness



Twisted pair wire is a type of communications cable in which two conductors of a single circuit are twisted together for the purposes of improving electromagnetic compatibility. Compared to a single conductor or an untwisted balanced pair, a twisted pair reduces electromagnetic radiation from the pair and crosstalk between neighboring pairs and improves rejection of external electromagnetic interference. It was invented by Alexander Graham Bell. For additional noise immunity, twisted-pair cabling may be shielded. Cable with shielding is known as shielded twisted pair (STP) and without as unshielded twisted pair (UTP).

The types of twisted-pair cables provided by SAISONIC

- . Custom Twisted Pair Wire Harness for Automotive Applications
- . High-Quality Shielded Twisted Pair Cable Assemblies for Electronics
- . Versatile Twisted Pair Wiring Solutions for Industrial Automation
- . Twisted Pair Cable Looms with Quick Connectors for Rapid Installation
- . Flexible Twisted Pair Harnesses for Robotics and Motion Control Systems
- . Durable and Weather-Resistant Twisted Pair Cables for Outdoor Use
- . Twisted Pair Wiring Solutions with UL Certification for Safety Compliance

Home appliance wiring harness



Home Appliance Wiring Harness refers to an electrical component composed of multiple cables or wires, which is usually used to connect various parts of household appliance equipment together to transfer electrical energy, signals, and data. Household appliance wiring harnesses can be divided into different types and specifications according to different factors such as their use environment, functions and special requirements.

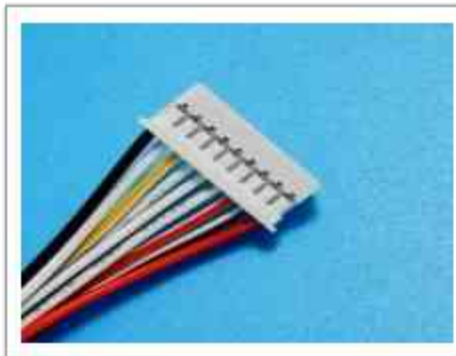
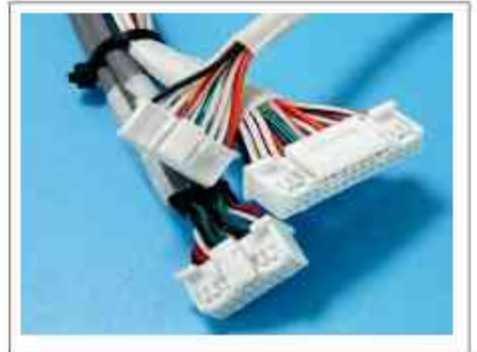
Specific application scenarios for wiring harnesses and cable assemblies in household appliances include :

- . Refrigerators, washing machines, dryers and other home appliances
- . Air conditioning system
- . Kitchen appliances
- . TV, display

Home appliance wire harnesses and cable assemblies manufactured by SAISONIC include:

- . Power transmission cable assembly
- . Signal transmission wire harness
- . Connect electrical wiring harness components
- . Wiring harness for protecting feedback components
- . Audio and video cable assembly
- . Wiring harness for interconnection between modules
- . Wiring harness for communication and coordination components

Highly complex wire harness



SAISONIC is renowned for its expertise in manufacturing highly complex wiring harnesses, setting precision and quality standards for the industry. The assembly of these complex wiring harnesses is a meticulous manufacturing process that combines advanced technology and skilled manufacturing techniques. Each wiring harness represents carefully arranged wires and connectors to ensure perfect electrical connections in a wide range of applications. These applications span various industries, including automotive, medical, telecommunications, industrial machinery, and low-altitude aircraft equipment.

Specification:

Multi branch complex looms & wire harnesses

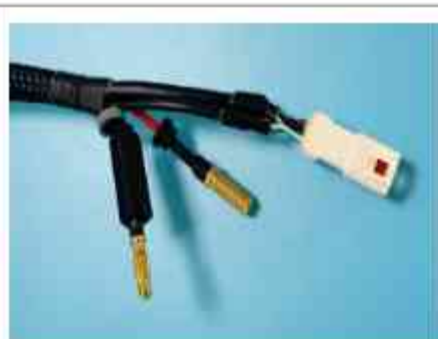
Complex cable harnesses

Highly complex wire harness

Complex wire harness and custom cable assemblies

Customized complex wiring harnesses

Automotive wiring harness

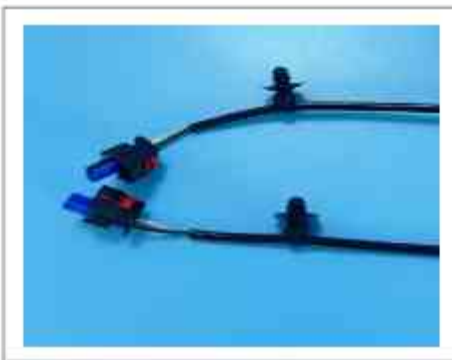


Wiring harness components are used in a wide range of automotive applications, from the engine room to all parts of the body, wiring harness plays a vital role in ensuring the normal operation and safety performance of various automotive systems.

Wiring harness components in automotive applications:

- . Engine compartment wiring harness assembly
- . Chassis wiring harness assembly
- . Body wiring harness assembly
- . Instrument panel Wiring harness assembly
- . Door wiring harness assembly
- . Safety system wiring harness assembly
- . Infotainment system wiring harness assembly
- . Comfort system Wiring harness assembly
- . Vehicle diagnostic system Harness assembly

Wire Harness for car and truck



SAISONIC mainly focus on the custom wire harness assembly and over-molding service in the vehicle industry, including automobiles, motorcycles, racing cars, agricultural machinery, mining machinery, ATV, supermotorcycles, scooters, e-bikes, etc.

Automotive Wire and Cable Types:

■ . SO 6722 Series: :

FLY;FLRY-A;FLRY-B;FLR2X-A;FLR2X-B;FLR2X-C;FLYY;FLRY11Y;FLYW;FLR9Y-A;FLR9Y-B;FLR6Y-A;FLR6Y-B;FLRY;FLYZ;FLYYF;FLR4Y;FLR5Y;FLR2X11Y;

■ . SAE J1128 Series:

SGX;SGT;WTA;TWP;GXL;SXL;HDT;WXC;GPT;STR;TXL

Automotive Wiring Harness Protection Material:

Bellows. Heat shrink tubing, PET wound tubing, Sponge tape, Acetate cloth tape.

Automotive Wiring Harness Connectors Types:

1.Amphentol 2.Aptiv 3.Anderson 4.Molex 5.TE Connectivity 6.YAZAKI

Braided wire harness

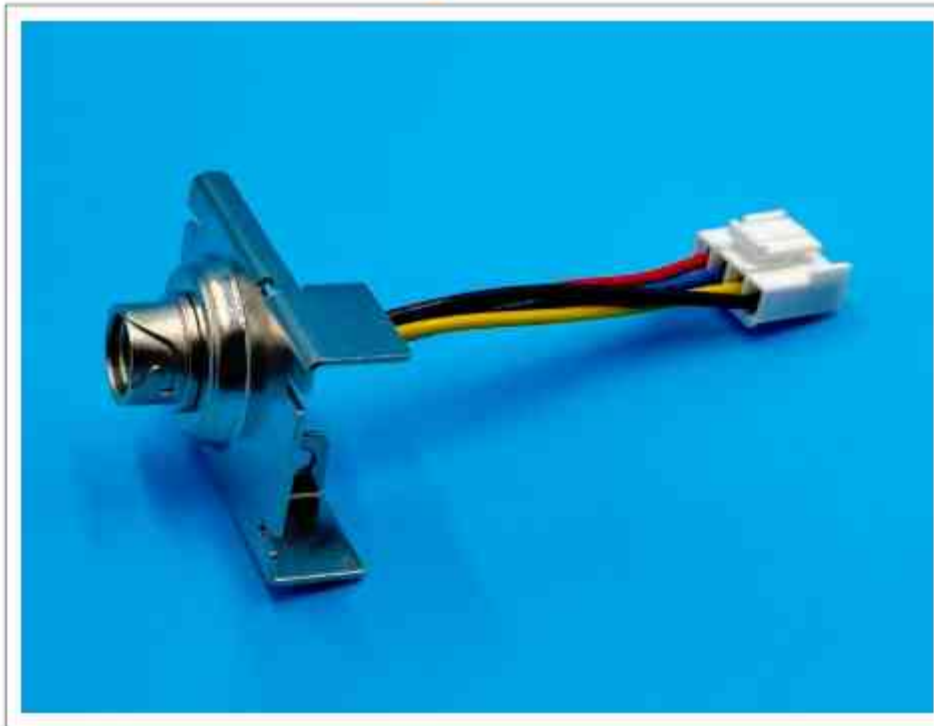


Braided wiring harnesses are wire harnesses wrapped with braided sleeves. Braided cable sleeves work as cable organizers or protectors; thus, you can also call them wire protection sleeves. The loom helps protect from vibration and heat in several heat resistance ratings. Often, these sleeves have interwoven plastic fibers (either polyester or any other plastic). These sleeves protect cables and wires against abrasion, corrosion, moisture, heat, chemicals, and electromechanical waves.

Use Cases of Braided Wiring harness

- . Marine: Primarily in control panels, vessel engines, and switchboards.
- . Automotive: tractors, planters, sprayers, and other agricultural machinery
- . Military: Commonly used in transport vehicles.
- . Robotics: The complexity and precision of robotics wiring make braided sleeves a popular option.
- . Manufacturing: Used in manufacturing machinery and production lines because of its durability and expandability.
- . Power Generation: Ideal for outdoor uses because of resilience in UV light, moisture, heat, wind, and dust.
- . Rail Transportation: Protects cables hanging from undercarriages.
- . Mining and Heavy Construction: Well-suited to dust, vibration, chemicals, etc.

Panel mount wiring harness



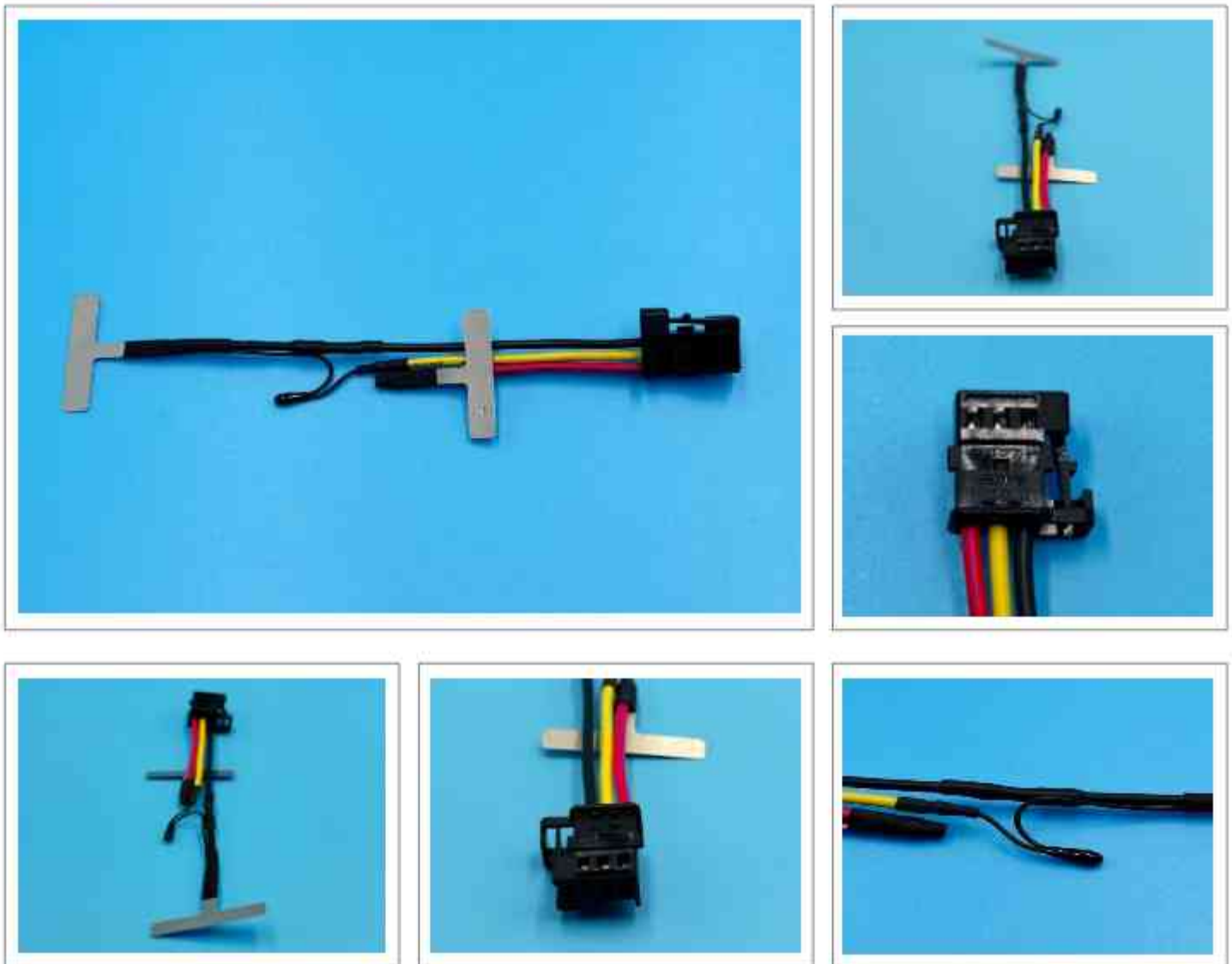
Panel-mount wiring harnesses are very common and crucial interconnection components in fields such as industrial equipment, instruments and meters, control cabinets, and electronic devices. Its core function is to provide a reliable and convenient signal and power transmission channel between the device's casing panel and the internal circuits/modules.

What is panel mount

It refers to the connector of the wiring harness (usually a plug or socket) being designed to be fixedly installed on the enclosure panel, door panel, partition or control panel of the equipment. The installation method is usually to insert it from the outside of the panel (operating surface) into the preset opening through the built-in thread (nut fixation), snap, flange or screw hole of the connector, and then lock and fix it from the inside of the panel (inside the equipment) with the matching nut or snap.

Panel-mounted wiring harnesses are usually customized products. SAISONIC provides professional customized services for customers based on the specific requirements of their equipment (connector model, pin definition, cable type and length, color coding, internal end connectors, shielding requirements, special marking, etc.).

Gauge wiring harness



Instrument and meter wiring harnesses(Gauge Wiring Harness)are precision cable assemblies designed for test and measurement equipment, analytical instruments, industrial sensors, laboratory equipment, control system interfaces, etc. They undertake the key tasks of weak model transmission, high-precision data acquisition, equipment power supply and communication.

SAISONIC produces the following types of instrument and meter wiring harnesses

- . Sensor wiring harnesses (thermocouples, temperature probes, pressure sensors, electrochemical probes)
- . Test and measurement equipment wiring harnesses (probes)
- . Data Acquisition (DAQ) wiring harness
- . Bus and interface harnesses (GPIB/LEMO F00/VME/VXI)
- . Industrial Ethernet wiring Harness (Ether CAT)

Office equipment wire harness

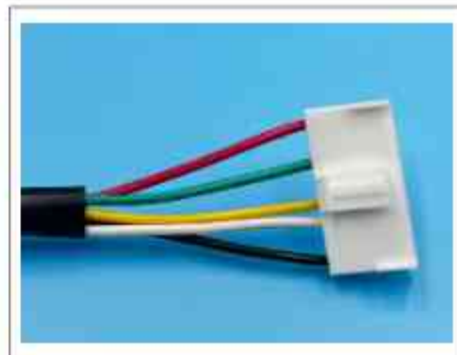
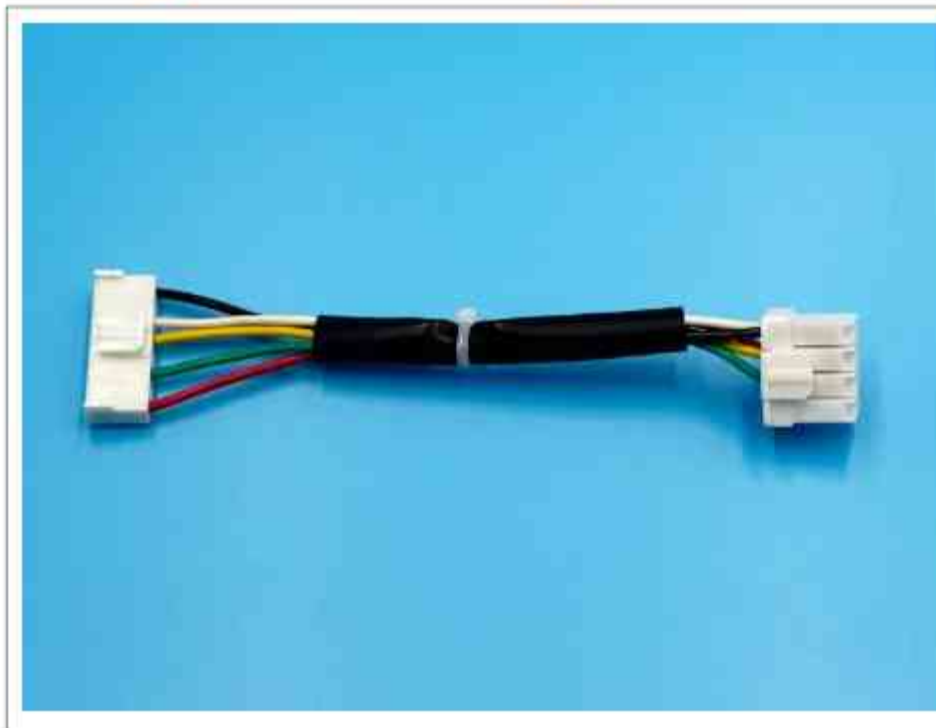


Office equipment wiring harnesses are the invisible bridge that ensures the efficient and smooth operation of modern office work. Although its complexity is lower than that of industrial or medical wiring harnesses, high-quality office equipment wiring harnesses can significantly reduce equipment failures, extend service life, and facilitate equipment maintenance.

SAISONIC produces the following types of office equipment wiring harnesses

- . Wiring harnesses for computers and their peripheral devices
- . Wiring harnesses for printer/copier/scanner equipment.
- . Projector equipment wiring harness
- . Conference system wiring harness
- . Other display harnesses, shredder harnesses, desk lamp harnesses.

Intelligent terminal wiring harness



The intelligent payment terminal wiring harness is a key component that provides power supply, data transmission, signal control and peripheral device connection for POS machines, ATMs, ticket vending machines at stations, vending machines, mobile payment terminals and facial recognition payment devices. The design of these wiring harnesses needs to take into account compact space, high-frequency use, financial-grade safety, and practicality in diverse environments.

SAISONIC produces the following types of intelligent payment terminal device wiring harnesses

- . Motherboard power supply wire harness
- . Alarm device/indicator light wiring harness
- . Screen ribbon cable.
- . Keyboard wiring harness
- . Communication module wiring harness
- . Fingerprint recognition ribbon cable
- . NFC/RFID antenna harness

PTC thermistor sensor wire harness

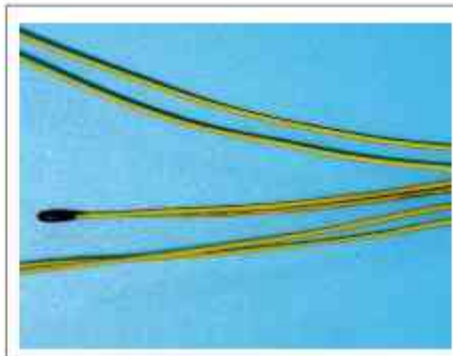
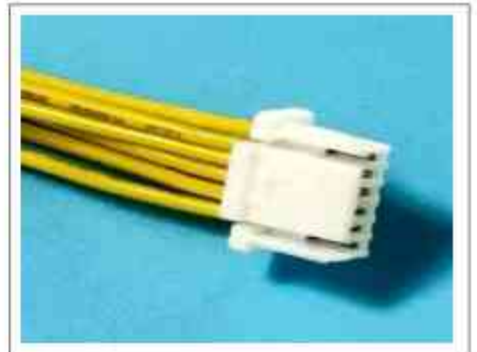
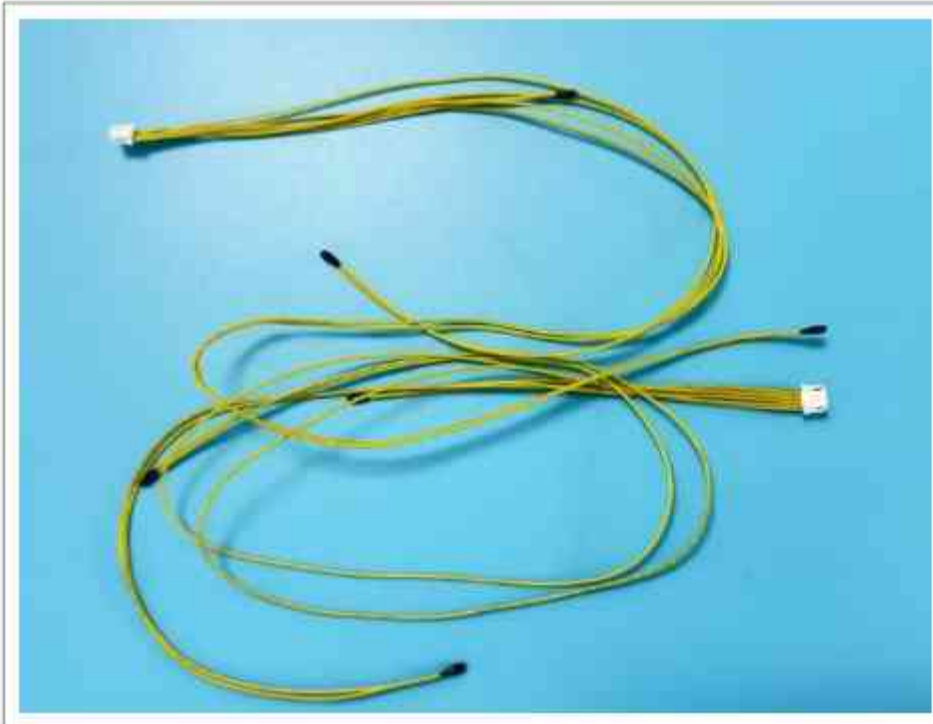


Compared to ordinary resistors, PTC thermistors are temperature-sensitive resistors. The word thermistor is a combination of two words: thermal and resistor. On the other hand, PTC is an abbreviation for positive temperature coefficient. This property forms the main working principle of a PTC thermistor. It means the resistance of a PTC thermistor increases at higher temperatures.

Types of PTC Thermistors

- . **Sinter Silicon PTC Thermistor:** This sensitive silicon resistor exhibits a linear relationship between resistance and temperature, showing significant PTC resistance. However, the linearity changes after 150°C and above because the thermistor begins showing an NTC (Negative Temperature Coefficient). Therefore, the thermistor's application primarily uses temperature sensors and temperature compensation.
- . **Ceramic Switching PTC Thermistor:** This type of thermistor has a highly non-linear response curve. Raising the temperature initially decreases the resistance until it reaches a fixed temperature level. Above that level, resistance increases drastically. Thermistor applications for these properties include PTC self-controlled heaters, sensors, temperature compensation, etc.
- . **Polymeric PTC (PPTC) Thermistor**

NTC temperature sensor wire harness

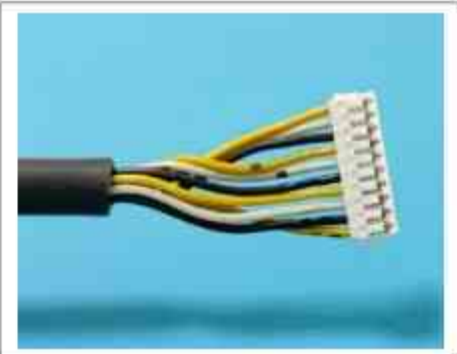


Connect the various types of wire with high-precision and high-reliable NTC thermistors, and use insulating, hot-conduction and waterproof to seal to the necessary shape for installing and measuring temperature at a long distance. With brand-new process, stable performance, available for long term and steady work (offset rate of annual resistance value). High precision of resistance and B value, good consistency, allowable exchange (resistance value and B value can specifically reach $\pm 1\%$). High sensitivity, quick reaction. Adopt double-layer sealing process, and possess good insulating sealing and anti-mechanical-collision and anti-bending capability available for sealing according to the used installation conditions, convenient for users to install. Available for making high-dissipating products, and test current can be far larger than sensors of traditional structure, which makes the application circuit simplified.

PURPOSE Temperature measurement of various complete sets of products. Temperature control. Temperature-adjustment circuit and long distance measurement.

This NTC Thermistor wire harness applicable for temperature measurement and control of induction cookers, irons, electric barrettes, water heater, drinking machine, warm air blower, dishwasher, disinfecting cabinet, washing machine, drying machine, medium and low temperature drying box, constant temperature box.

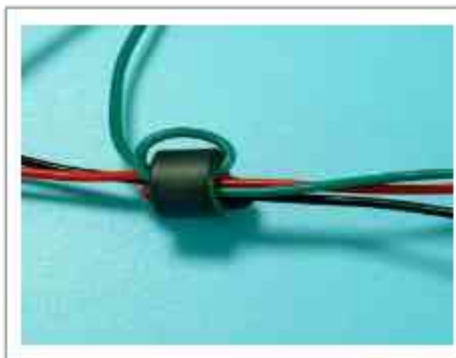
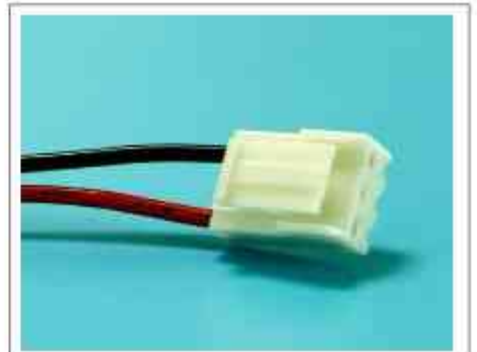
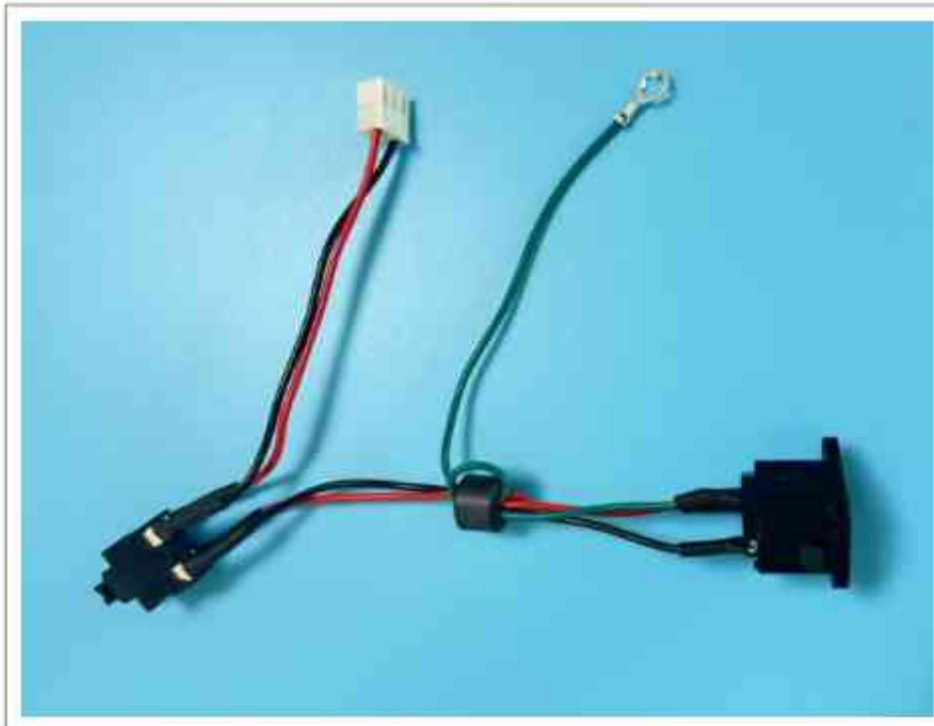
Telecom wiring harness



The telecommunications industry relies to a large extent on wiring harnesses to support different types of electrical equipment. Telecom wiring harnesses are a specialized assembly that includes cables, wires, connectors and auxiliary components, carefully designed for use within the telecommunication framework. The use of the correct type of wiring harness is crucial to the success of telecommunication applications. SAISONIC provides wiring harnesses and services for telecommunications applications. Telecommunication industry wiring harness services include: Integrated and turnkey solutions Integration of local area network management software Protective terminals are installed inside the fiberglass shell

Whether we are creating standards or custom designs, we always create safe and reliable wire assemblies for the telecommunications industry. We use high-quality materials when designing and manufacturing products. SAISONIC can also create dedicated wiring harnesses for wireless communication technologies, including RF and satellite receivers as well as DSL routers.

Power socket and switch wire harness



Power Socket and Switch Wire Harness/AC Inlet Socket Wiring Harness

SAISONIC assembles Power Socket and Switch Wire Harness with different shape, size and connector type of power socket and switch suitable for customer power supply and panel mount. AC power socket and switch can be easily found in daily life on household, industry and consumer application. For AC power socket, definition and standard differ from different

Specification:

AC power socket custom cable and wire harness.

AC inlet socket wire harness.

AC outlet socket wire harness.

IEC socket wire harness.

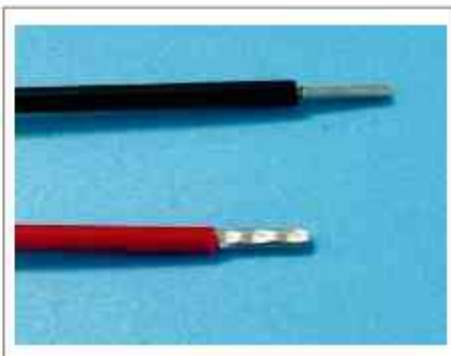
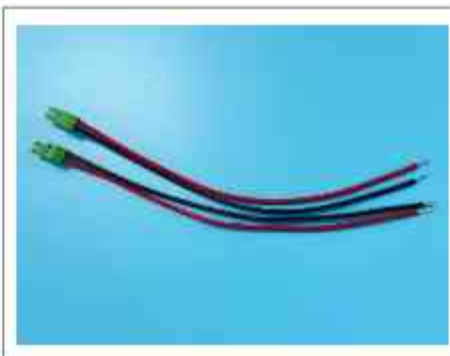
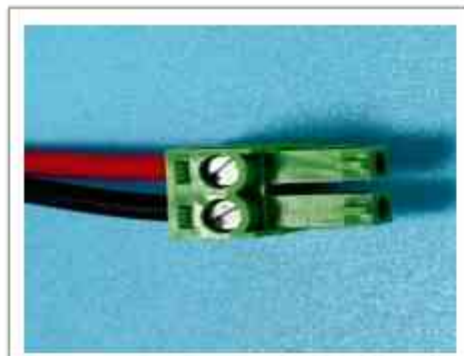
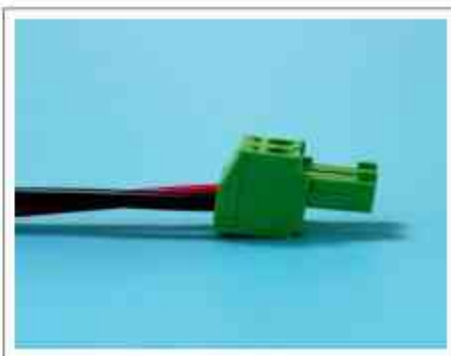
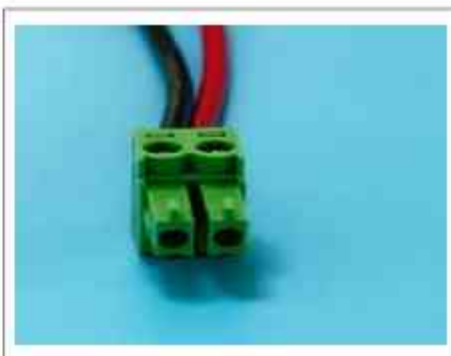
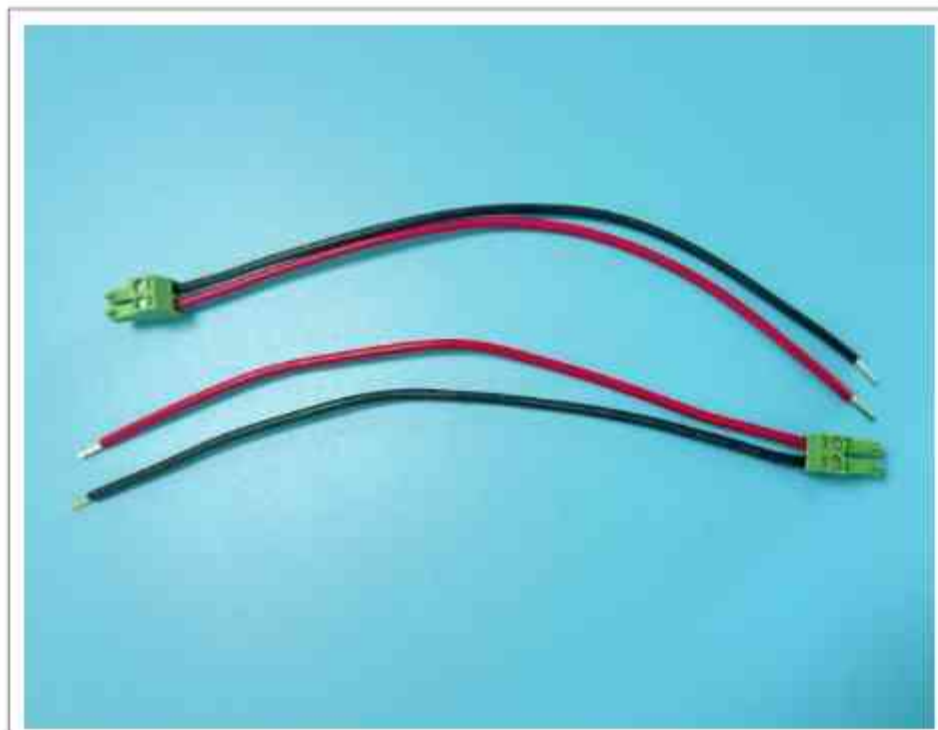
U.S. socket (NEMA receptacle) wire harness.

Push Button Switch Wiring Harness,

Rocker Switch Wiring Harness,

Power Entry Module Wiring Harness

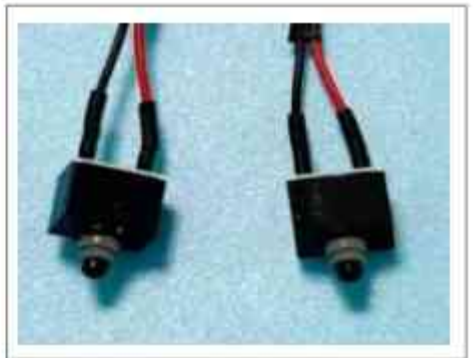
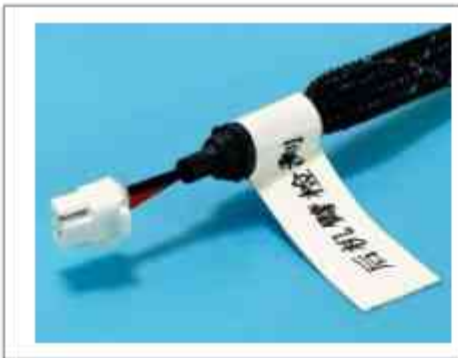
Phoenix contact terminal block wire harness



Terminal block wire harnesses are modular connector wire harnesses designed for reliable connections, holding two or more wires together, and managing complex circuits. They are also used to connect wires to the ground or ground connections. The outer body of the terminal block is preferably made of melamine or polyamide materials.

The terminal blocks of terminal block wire harnesses mainly use copper alloys to ensure very low contact resistance. The wire is firmly connected to the current rod with the help of clips. These fixtures can be screw fixtures, spring fixtures, nuts and bolts or studs. Depending on the application area, current and rated voltage, there are different types of ear plates or sheaths available for connecting wires to terminal blocks.

Custom drone wire Harnesses for UAVs, Drones



UAV & Drone wiring harness assembly

UAV & Drones are used in the defense, aerospace and robotics industries and often operate in harsh environmental conditions. Wiring harness and cable assemblies for the drone industry are key interconnect components for the electrical integration of drones. These wire harness and cable assemblies are designed to withstand the rigors of flight and a variety of harsh environmental conditions, while greatly optimizing the weight, space and performance of the wiring harnesses for precise interconnections with critical components such as flight controllers, motors, sensors and cameras, ensuring accurate communication and power transmission.

SAISONIC has obtained various quality system certifications, and through our strict quality management and advanced manufacturing technology, safe and reliable UAV wire harnesses and cable assemblies are continuously applied to the aircraft field.

High flex ultra flexible cable harness

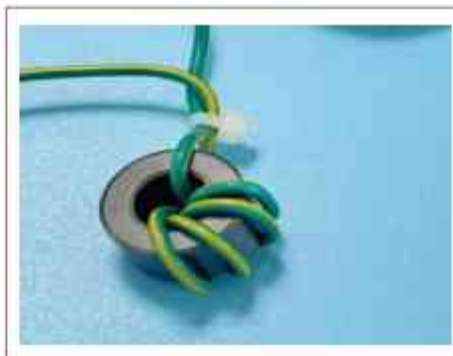
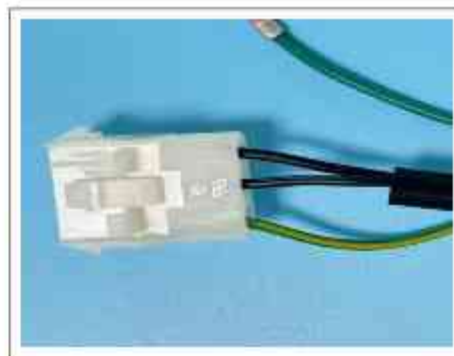
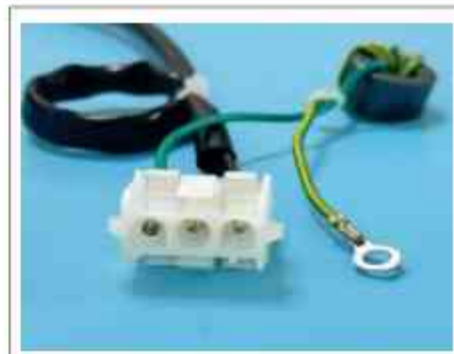


High flexible cable harness are built for extreme flexing and rigorous performance conditions. High flex cable and wire can withstand continuous flexing up to and exceeding a 10 million flex cycles. The benefits of a high flex cable and wire are exceptional performance, extended cable life and greater reliability than standard off the shelf cables. With ever changing industrial environments and new technologies in automated machinery, the need for durable highly flexible cables is increasing.

High Flex Cable Harness Applications

- .Robotics
- .Pick/Place Equipment
- .Measurement Equipment
- .Conveyor Equipment
- .Animatronics
- .Packaging Machinery
- .Many more applications where continuous motion is required

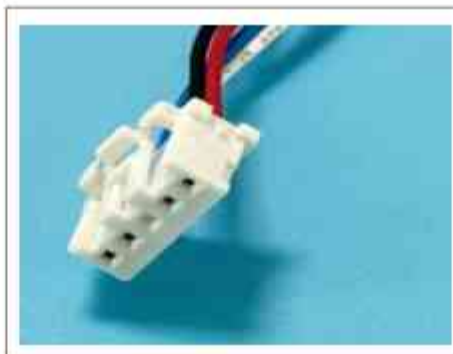
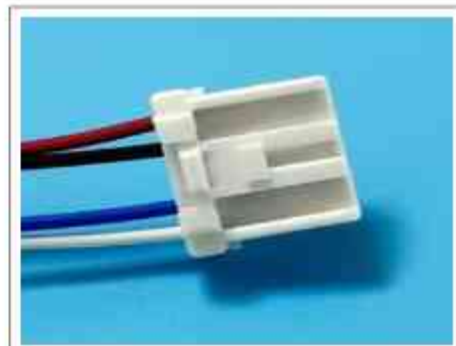
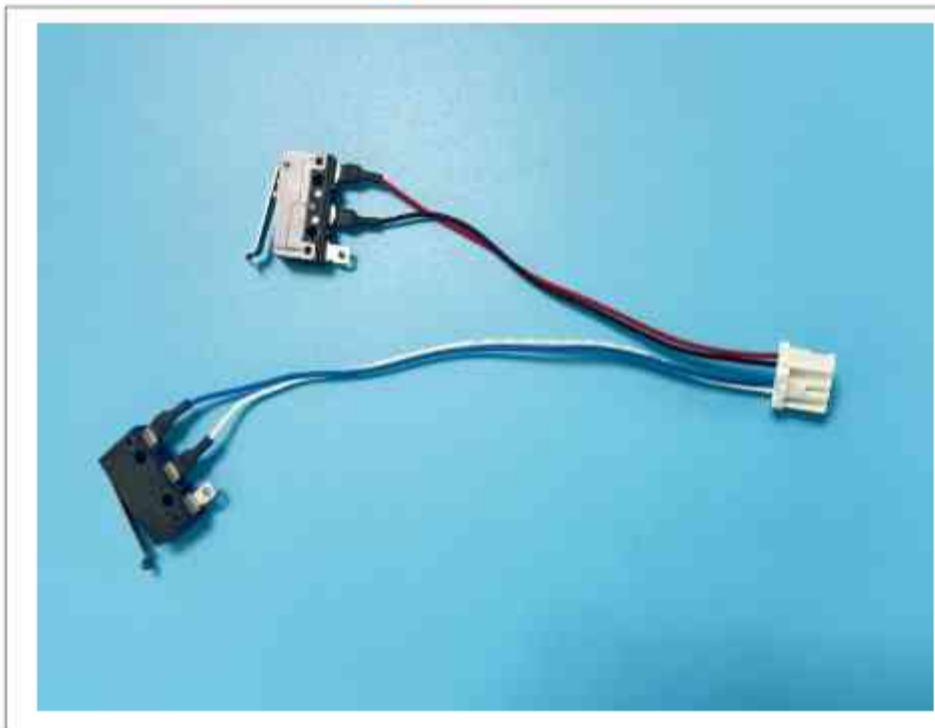
Power supply wire harness



Power supply wiring harness refers to a wiring system that transmits power sources (such as batteries, AC sockets or DC power sources) to electronic devices. Cables, connectors, terminals and other components can be customized according to the specific power requirements of the equipment. Power supply harnesses are widely used in various devices, including household appliances, industrial machinery, automotive applications, and medical equipment, providing stable and secure power transmission.

With comprehensive production facilities and technical support, SAISONIC offers end-to-end services for power harnesses, ranging from design and prototyping to mass production. We are committed to providing tailor-made solutions to meet your specific needs.

Power tool wiring harness



Power tool wiring harnesses are the backbone of every drill, grinder, and IoT-enabled saw, enduring harsh conditions like vibration, heat, dust, and impact. At SAISONIC, we deliver custom harnesses engineered for durability and performance. Trusted by OEMs worldwide, we ensure your tools operate flawlessly in the toughest environments.

Applications: We engineer harnesses for a wide range of power tools, ensuring your tools perform reliably and your customers stay satisfied:

Drills: Flexible wiring for repetitive motion, reducing wear to keep your production lines moving.

Grinders: Heat-resistant solutions for high-intensity motors, ensuring consistent performance during heavy use.

Saws: Vibration-resistant designs for blade motors, with strain relief to prevent downtime from damage.

Fasteners (e.g., Nail Guns): High-current wiring for rapid actuation, ensuring safety and uptime on the job site.

Smart Tools (e.g., IoT Drills): Shielded cables for data integration, maintaining signal clarity for seamless connectivity.

Custom wiring harness

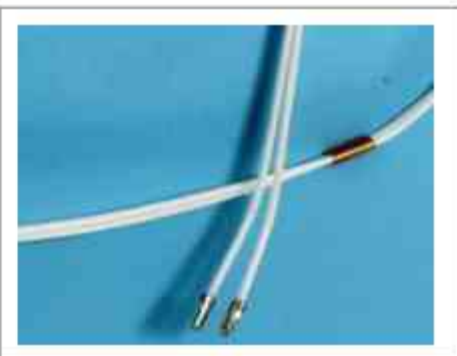
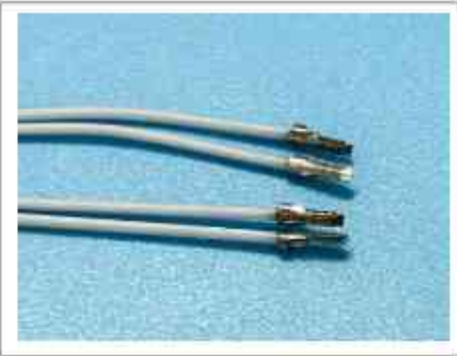
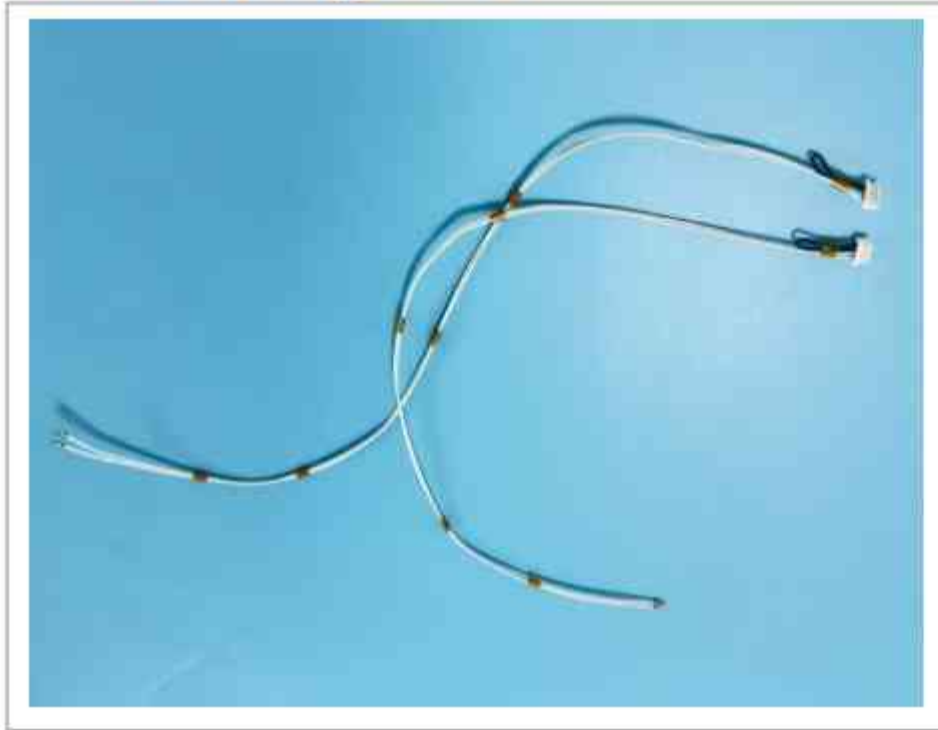


SAISONIC tailors wiring harnesses specifically for various industries and requirements. Since we started manufacturing fine-tail wire harnesses in 1992, we have over 30 years of experience in processing and manufacturing wire harnesses and custom cable assemblies. No matter what your requirements and specifications are, our engineers can create custom wire harness assemblies with the secure connections and reliable performance you need.

SAISONIC offers the following value-added services

- | | |
|---|-----------------------|
| ■.Wire Crimping | ■.Wire Termination |
| ■.Wire Stripping | ■.Wire Cutting |
| ■.Wire Identification/wire marking/labeling | ■.Wire Processing |
| ■.Wire Solder | ■.Wire Handling |
| ■.Wire Taping & Insulating | ■.Wire Heat Shrinking |

Medical wiring harness



Medical wiring harnesses are key basic components that ensure the safe, effective and reliable operation of modern medical equipment. Their design, material selection, manufacturing process and quality control all revolve around the special needs of the medical industry, with the core being to ensure the life safety of patients and operators as well as the accuracy of equipment data. With high technological content and strict regulatory requirements, it is an important and professional link in the medical device supply chain. SAISONIC first obtained the ISO13485 medical wiring harness certification in 2013 and has been engaged in the production and contract manufacturing services of medical wiring harnesses for medical Oems.

Application fields of medical wiring harnesses

- Diagnostic equipment: Medical imaging equipment, monitoring equipment, in vitro diagnostic equipment
- Treatment equipment: Surgical equipment, life support equipment, physical therapy equipment
- Patient care equipment: hospital beds, call systems, electric wheelchairs
- Home medical equipment: Dynamic electrocardiogram recorder, home monitor, portable respiratory therapy equipment.
- Medical laboratory equipment: Centrifuges, incubators, biosafety cabinets

Ferrite bead wire harness



Ferrite block, ferrite core, ferrite ring, EMI filter, ferrite choke – is a type of nondescript cylinders that play an important role in EMI management. The ferrite core reduces the EMI to and from devices, preventing the wire harness and cable from transmitting RF signals or receiving RF signals.

The Types of Ferrites Bead used in Wiring Harnesses

- . Cylindrical Solid Ferrite Bead Cores for Round Cables & Wiring Harnesses
- . Split, Snap-On Ferrite Bead Cores in Plastic Cases
- . Broadband EMI Ferrite Cylindrical Cores For Round Cables & Wiring Harnesses
- . Broadband EMI Ferrite Split/Snap-On Cores In Plastic Cases

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