



CABLING
HARNESSES (OPC) PVT. LTD.
Powering Devices...

PRODUCT CATALOG

WIRES, CABLES & HARNESSES



SINCE 2017

CELEBRATING
8 YEARS OF
SUCCESS



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Company Overview

Cabling Harnesses OPC Pvt. Ltd. is a leading provider of high-quality wiring harness solutions, committed to delivering reliability, innovation, and efficiency. We specialize in designing, manufacturing, and supplying custom cabling harnesses for diverse industries, including automotive, electronics & telecommunications, and industrial applications. At Cabling Harnesses OPC Pvt. Ltd., we prioritize customer satisfaction, on-time delivery, and long-term partnerships, making us a trusted name in the wiring solutions industry.



Our Vision :

Our vision at Cabling Harnesses OPC Pvt Ltd is to leverage our expertise to become a trusted partner and recognized industry leader for electronic manufacturing services

Our Mission :

Empowering Globe by unlocking its industrial and economic potential through access to safe, reliable and affordable electricity

Our Values :

Our values define who we are and guide every decision we make. We are committed to delivering quality and reliability while remaining flexible to meet evolving needs. We believe in fostering diversity, building strong partnerships, and acting with integrity at all times. Together, these principles drive us to create lasting impact and trusted relationships.



QUALITY



FLEXIBILITY



RELIABILITY



DIVERSITY



PARTNERSHIP



INTEGRITY

WIRES & CABLES



BS/BIS/UL SPECIFIC

- **Conductor:** Plain Annealed Copper, Solid / Stranded (Class 1 / Class 5)
- **Insulation:** PVC
- **Voltage Rating:** 600V
- **Temperature Rating:** 105°C
- **Standards:** BS (British Standard) / BIS (IS Standard) / UL Approved



PTFE

- **Conductor:** Plain Annealed Copper / Silver Plated Copper, Class 5 Flexible (Stranded)
- **Insulation:** PTFE (Polytetrafluoroethylene)
- **Voltage Rating:** 300V / 600V
- **Temperature Rating:** -65°C to +200°C (up to +250°C short term)
- **Standards:** UL 1213 / UL 1332



FLRY

- **Conductor:** Plain / Tinned Annealed Copper, Class 5 Flexible (Stranded)
- **Insulation:** Heat Resistant PVC (Thin Wall)
- **Voltage Rating:** 60V
- **Temperature Rating:** -40°C to +105°C
- **Standards:** ISO 6722 / DIN 72551



BATTERY CABLES

- **Conductor:** Plain Annealed Copper, Multi-Stranded (High Flexibility)
- **Insulation:** Heat Resistant PVC
- **Voltage Rating:** 600V to 1100V
- **Temperature Rating:** -40°C to +105°C
- **Standards:** IS 2465 / ISO 6722 / IS 694



FLAT CABLES

- **Conductor:** Stranded / Solid Annealed Copper
- **Insulation:** PVC / XLPE / PE
- **Voltage Rating:** 300V / 600V
- **Temperature Rating:** -20°C to +105°C
- **Standards:** UL / CSA / IEC



COAXIAL CABLES

- **Conductor:** Solid / Stranded Bare Copper or Tinned Copper
- **Insulation:** PE / Foam PE / PTFE
- **Voltage Rating:** 300V-600V (PE/Foam PE), up to 1.5kV (PTFE)
- **Temperature Rating:** -40°C to +85°C (PE/Foam PE), up to +200°C (PTFE)
- **Standards:** MIL / UL / IEC



COMMUNICATION CABLES

- **Conductor:** Stranded Copper / Tinned Copper
- **Insulation:** PVC
- **Voltage Rating:** 12V / 24V DC
- **Temperature Rating:** -40°C to +85°C
- **Standards:** UL 444, TIA/EIA-568, IEC 61156



MOLDING CABLES

- **Conductor:** Plain Annealed Copper / Aluminum, Solid or Stranded
- **Insulation:** PVC / XLPE (FR / FRLS options available)
- **Voltage Rating:** 1.1 kV (LT)
- **Temperature Rating:** Up to +70°C (PVC)
- **Standards:** IS 1554 / IS 7098 / IEC



SHIELDED CABLES

- **Conductor:** Plain / Tinned Annealed Copper, Stranded
- **Insulation:** PVC
- **Voltage Rating:** 300/500V / 600V
- **Temperature Rating:** -20°C to +90°C
- **Standards:** IEC / UL

TERMINALS



RING

- **Material:** Electrolytic Copper / Tinned Copper
- **Type:** Insulated / Non-Insulated | Standard / Heavy Duty
- **Stud Size:** M3 to M12
- **Wire Range:** 0.5 sq.mm to 120 sq.mm
- **Temperature Rating:** Up to +105°C
- **Standards:** UL 486A-486B, IEC 61238-1



FORK

- **Material:** Electrolytic Copper / Tinned Copper
- **Type:** Insulated / Non-Insulated | Standard / Heavy Duty
- **Stud Size:** M3 to M12
- **Wire Range:** 0.5 sq.mm to 120 sq.mm
- **Temperature Rating:** Up to +105°C
- **Standards:** UL 486A-486B, DIN 46237, IEC 61238-1



JOINTERS

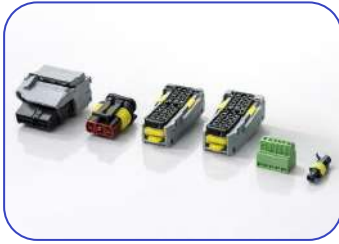
- **Material:** High Conductivity Copper / Brass
- **Type:** Reel Mounted | Continuous Strip | Open Barrel Crimp Type
- **Stud Size:** Not Applicable
- **Wire Range:** 0.5 sq.mm to 6 sq.mm
- **Temperature Rating:** Up to +105°C
- **Standards:** UL 486A-486B, IEC 60352-2



CHAIN

- **Material:** Brass / Phosphor Bronze / Copper Alloy
- **Type:** Continuous Reel Type | Stamping Grade | Progressive Die Compatible
- **Stud Size:** M2 to M8
- **Wire Range:** 0.35 sq.mm to 6 sq.mm
- **Temperature Rating:** As per base material specification
- **Standards:** IEC 60352-2

CONNECTORS



AUTOMOTIVE

- **Type:** Male / Female | Sealed & Unsealed | Multi-Pin Configurations
- **Housing:** High-Temperature Thermoplastic
- **Contact Material:** Tin / Nickel / Gold Plated Copper Alloy
- **Current Rating:** Up to 40A
- **Voltage Rating:** 12V / 24V DC
- **Protection:** IP67 / IP68
- **Standards:** ISO 8092, ISO 16750, ISO 6722



RELIMATE

- **Type:** Wire-to-Wire / Wire-to-Board / Panel Mount / Circular / PCB Type
- **Housing:** Engineering Thermoplastic (PA66 / PBT / Nylon)
- **Contacts:** Tin / Nickel / Gold Plated Copper Alloy
- **Current Rating:** Up to 50A
- **Voltage Rating:** Up to 600V
- **Protection:** Standard / IP Rated Options
- **Standards:** IEC 61984, IEC 60512, IEC 60529



HEAVY DUTY

- **Type:** Rectangular / Modular | Panel Mount / Cable Mount
- **Housing:** Die-Cast Aluminium / High-Strength Thermoplastic
- **Contacts:** Copper Alloy, Silver / Tin Plated
- **Current Rating:** Up to 100A
- **Voltage Rating:** Up to 1000V
- **Protection:** IP65 / IP67
- **Standards:** IEC 61984, IEC 60664-1, IEC 60529

GLANDS



45 DEGREE ANGLE

- **Material:** Nickel Plated Brass / Polyamide (PA6) / SS304
- **Operating Temperature:** -40°C to +100°C
- **Protection:** IP68
- **Standards:** IEC 62444, IEC 60529, UL 514B



90 DEGREE ANGLE

- **Material:** Nickel Plated Brass / Polyamide (PA6) / SS304
- **Operating Temperature:** -40°C to +100°C
- **Protection:** IP68 / IP69K
- **Standards:** IEC 62444, IEC 60529, UL 514B



STRAIGHT

- **Material:** Nickel Plated Brass / Polyamide (PA6) / SS304
- **Operating Temperature:** -40°C to +100°C (PA) / -60°C to +200°C (SS)
- **Protection:** IP68 / IP69K
- **Standards:** IEC 62444, IEC 60529 (IP Rating), UL 514B

SLEEVES



- **Material:** PET (Polyester Monofilament)
- **Operating Temperature:** -50°C to +150°C
- **Expansion Ratio:** 1:2 (Up to 200%)
- **Flammability:** UL 94 V-2
- **Standards:** UL Recognized

EXPANDABLE



- **Material:** Polyethylene (PE) / Nylon (PA6)
- **Operating Temperature:** -40°C to +105°C
- **Flammability:** UL 94 HB
- **Protection:** Cable Organization & Abrasion Protection
- **Standards:** UL 94 , UL 746C

SPIRAL



- **Material:** Galvanized Steel / Stainless Steel
- **Operating Temperature:** -50°C to +400°C
- **Flammability:** Non-Combustible
- **Protection:** Heavy Mechanical & EMI Protection
- **Standards:** IEC 61386

METAL



- **Material:** E-Glass Fiber
- **Operating Temperature:** -50°C to +250°C
- **Flammability:** Self-Extinguishing
- **Protection:** Thermal & High-Temperature Protection
- **Standards:** UL 1441

FIBRE GLASS

HEAT SHRINK TUBE



- **Material:** Cross-Linked Polyolefin with Thermoplastic Adhesive Liner
- **Shrink Ratio:** 3:1
- **Operating Temperature:** -55°C to +125°C
- **Protection:** Moisture Seal, Strain Relief & Insulation
- **Standards:** UL 224,

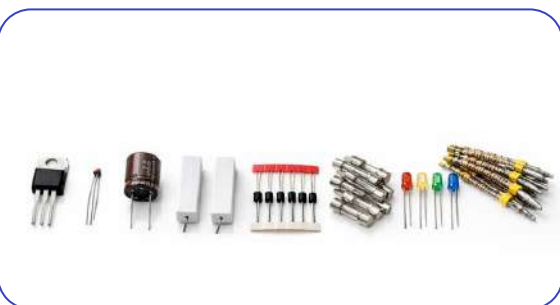
ADESHIVE



- **Material:** Cross-Linked Polyolefin
- **Shrink Ratio:** 2:1 / 3:1
- **Operating Temperature:** -55°C to +125°C
- **Flammability:** UL 224 VW-1
- **Standards:** UL 224, CSA Certified

NON ADHESIVE

ELECTRONICS COMPONENTS



Comprehensive range of electronic components including Resistors, Capacitors, Diodes, LEDs, Transistors, Relays, Fuses, Connectors, Terminals, Sensors, Switches. Suitable for automotive, EV, industrial control panels, power distribution, and electronic assemblies with reliable performance and consistent supply support.

PRODUCT GALLERY OF WIRING HARNESS



ABOUT OUR SERVICES

At Cabling Harnesses, we deliver end to end solutions designed to support diverse industrial applications with precision and reliability.



1. DESIGN & DEVELOPMENT

Our design and development services focus on delivering innovative, reliable, and performance-driven wiring solutions tailored to meet specific industrial requirements.

2. PROTOTYPING

Our rapid prototyping services help transform concepts into fully functional working models with speed and accuracy. We develop prototypes that allow clients to evaluate design feasibility, performance, and integration before moving into full-scale production.



3. TRADING

We provide dependable trading services for high-quality electrical and electronic components sourced from trusted manufacturers. Our wide supplier network enables us to offer reliable products that meet industry certifications.

4. MANUFACTURING

Our manufacturing capabilities are focused on producing high-quality wiring harnesses, control panels, and customized industrial assemblies. We follow stringent quality control processes to ensure precision, durability, and consistent performance across all products.



5. RESEARCH & DEVELOPMENT

Our R&D team continuously innovates to enhance product performance, reliability, and efficiency. We invest in advanced technologies and rigorous testing to develop cutting edge wiring solutions tailored to evolving industry needs.



OUR USP



CONTACT US

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