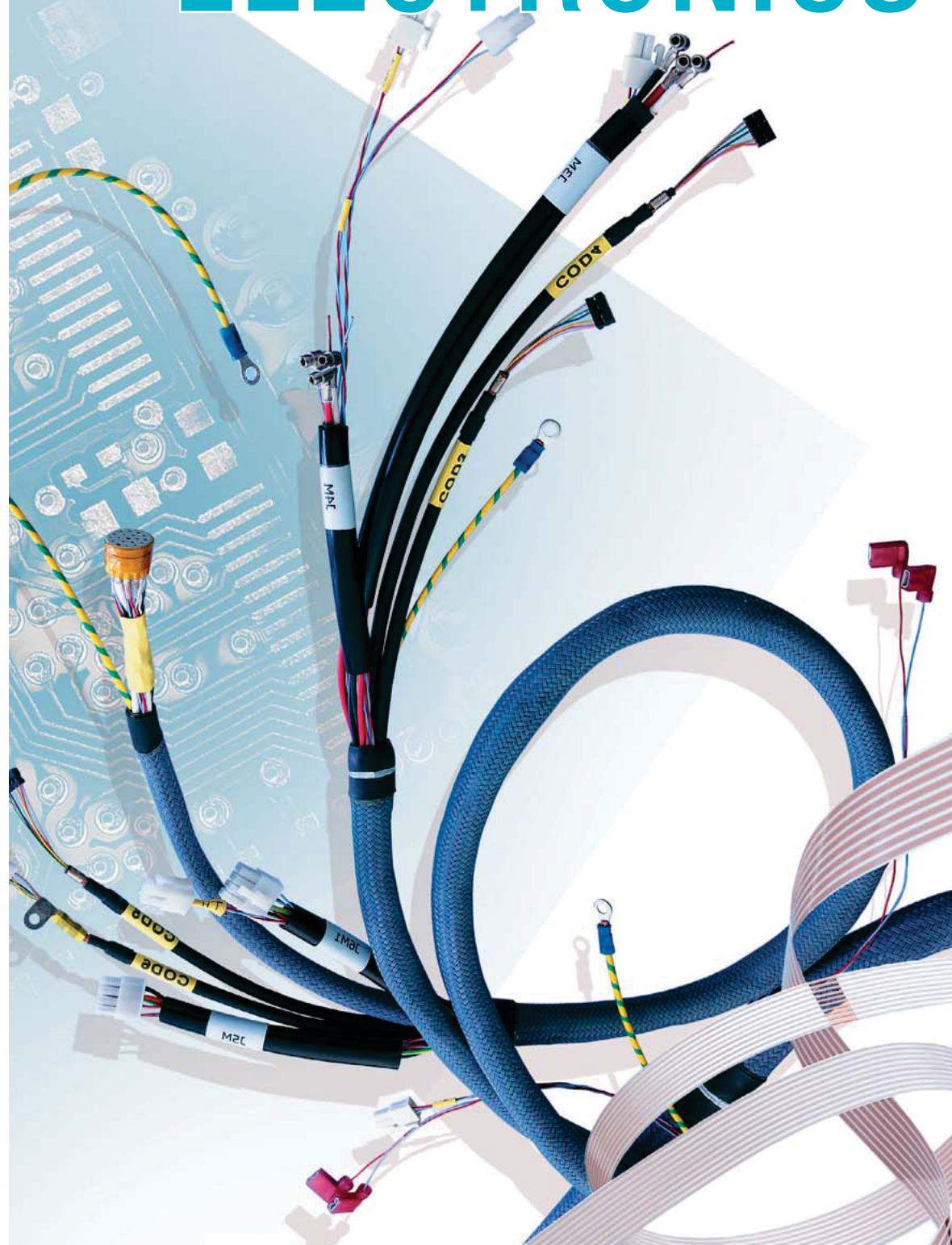


Interconnect solutions for **ELECTRONICS**



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axon'
cable & interconnect



A Challenging market

Axon' Interconnectors & Wires, your local partner

In order to bring the very best support to Indian customers, the French Axon' group has opened a subsidiary called **Axon' Interconnectors and Wires Pvt. Ltd.** located in Bangalore since 2010.

The company is not only able to manufacture cable assemblies and harnesses on site but also provides the large range of products manufactured by the group in the world.

The Axon' group: European roots, international branches

Headquartered in the beautiful Champagne region of France, Axon' is a worldwide leader in specialist interconnect. The company excels in the design and manufacture of wires, cables, terminated harnesses and interconnect solutions for high technology applications. With numerous manufacturing sites across Europe, North America and Asia and a comprehensive range of quality approvals, Axon' is able to locally design and build a world beating range of interconnect solutions tailored to your specific needs.

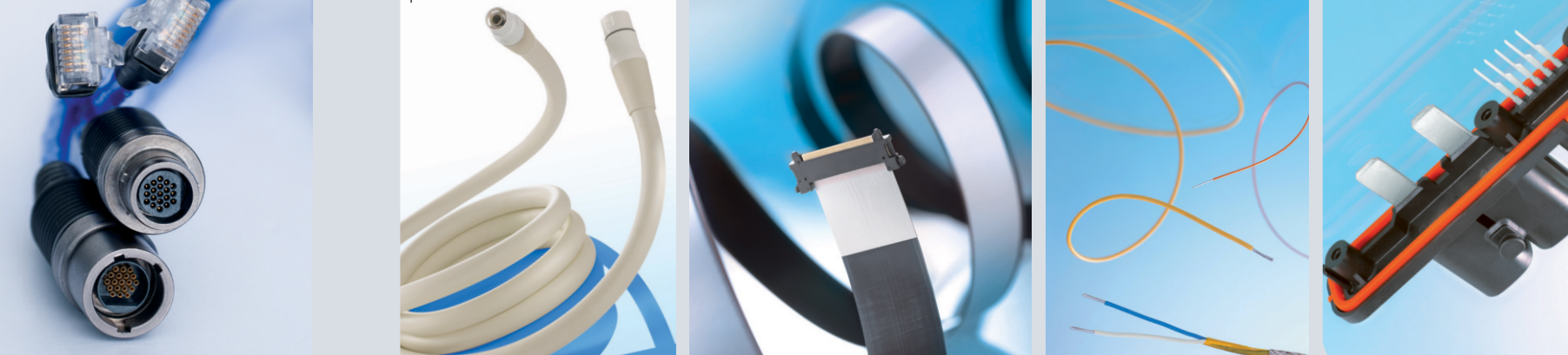
From cars and TVs to appliances and health-care devices, the list of applications for which the Axon' Group can provide interconnect solutions is extensive. But all have the same requirements: **miniaturization, space saving, fast integration and more data.** Cable assemblies and harnesses, miniature connectors, cabinets, flat flexible cables, wires and cables, these are some examples of the products that Axon' Interconnectors and Wires PVT, as part of the Axon' Group, can offer.

CUSTOM DESIGN & CO-ENGINEERING

One of Axon' strengths is the ability of the group to provide custom designed solutions to customers. Cross-over from our space technologies towards those of electronics, medical or automotive enables Axon' to offer innovations to customers and a rapid development. The sales and design teams based of Axon' PVT will help and assist customers in the choice and design of any specific requirements for turnkey interconnect solutions. For a quicker service, Axon' engineers are able to manufacture prototypes with 3D printing machines.



3D PROTOTYPING



INTERCONNECT SOLUTIONS FOR ELECTRONICS

CABLE ASSEMBLIES & HARNESSES FOR ELECTRONICS DEVICES

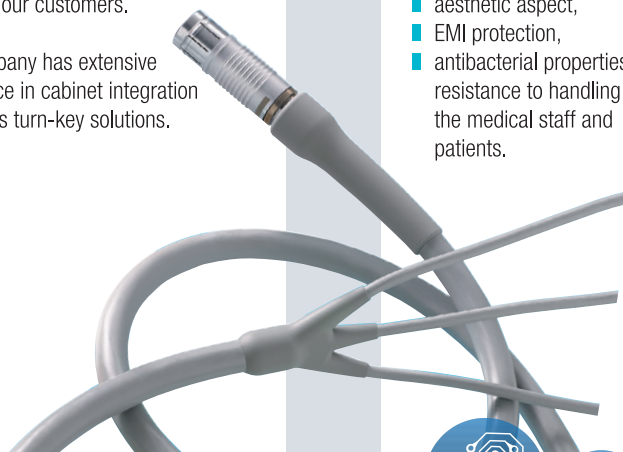


Axon' Interconnectors & Wires PVT LTD which has been set up in Bangalore since 2010, designs and manufactures state-of-the-art wires and cable assemblies terminated with:

- Micro-D connectors
- D-Sub connectors,
- RJ45 plugs and any types of connectors available on the market.

The local manufacturing harness capability consists of highly skilled operators trained to **IPC/WHMA-A-620** able to manufacture from built-to-print to built-to-design cable assemblies or custom-designed harnesses. Their expertise also includes techniques in **overmoulding** and **EMI** protection. A local engineering department supports our customers.

The company has extensive experience in cabinet integration and offers turn-key solutions.



CABLES & CABLE ASSEMBLIES FOR MEDICAL DEVICES

As part of the Axon' group, Axon' Interconnectors & Wires PVT LTD is able to bring the best technical engineering and sales support to local manufacturers of Medical Devices in India.

Wires, composite cables, cable assemblies terminated with all types of connectors as well as PTFE tubing manufactured by the Axon' Group are designed to meet the severe constraints of the medical markets including:

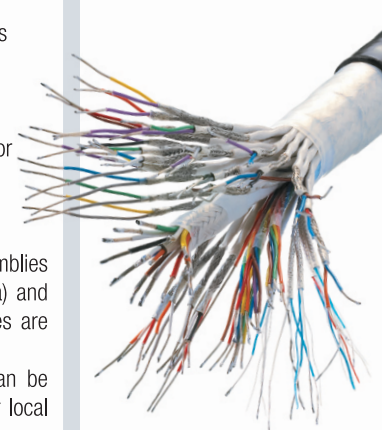
- biocompatibility,
- sterilization,
- miniaturization,
- aesthetic aspect,
- EMI protection,
- antibacterial properties and resistance to handling from the medical staff and patients.

FLAT FLEXIBLE CABLES: SPACE SAVING & MINIATURIZATION

Axon' offers a large range of flat cables including:

- Flat Flexible Cables (FFC) for board-to-board interconnections, available from 0.30 mm to 1.25 mm pitches
- Flat Display Connection (FDC) for board-to-display interconnections. They consist of Flat Flexible Cables and connectors including DF-9, DF-19, FI-SE, FI-X at one or both ends
- Flat Display Connections for High speed and Ultra High Speed transmission terminated with connectors compatible with the board-mount FI-R connectors
- Flat Cables with round pins for board-to-board interconnections
- Flat Display Connections for board-to-display interconnections
- Bulk Flat Flexible Cables for high-tech electronics including automotive
- Shielded flat flexible cables with or without grounding for a better shielding efficiency.

All the Axon' flat cables and assemblies range are produced in Asia (China) and Europe (Hungary). Both subsidiaries are IATF16949 approved. The Add-on flat flexible cables can be marked, folded or punched by our local skilled operators in India.



WIRES & COMPOSITE CABLES

High temperatures, resistance to radiation, high voltage, restricted space, electromagnetic protection, these are challenges that our miniature wires and custom-designed cables are able to face:

- Wires and cables insulated with a wide range of materials and Axon' Special Compounds able to resist up to 300°C
- Wires and cables designed on request

MECHATRONICS PRODUCTS

As a specialist in interconnect and process automation, Axon' Mechatronics, a company of Axon' group, offers interconnect solutions such as continuous and piece part moulded and overmoulded.

Moulded Interconnect Devices (MID) solutions for electrical and functional systems.

Axon' Mechatronics is IATF 16949: 2016

APPLICATIONS

- Automation systems & robots
- Industrial equipment including transmitters, receivers, sensors, diagnostic devices
- test equipment

- External systems for medical implants
- Patient care including monitoring, patient diagnostics
- Dental equipment
- Endoscopy
- Medical imaging
- Biological analysis
- Beauty therapy systems
- Oxymetry, etc

- Automotive industry : car radios, switch rotary connectors, etc
- Consumer electronics
- Telecommunication
- Medical industry: displays in operating theatres, laboratory devices, etc
- IT equipment
- Household equipment
- Robotic applications

- Defense electronics
- Devices for scientific and industrial equipment: instrumentation, control, transmitter, receiver and sensor cables in process industries.

- Automotive
- Building
- Electronics
- Energy
- Medical
- Telecom