

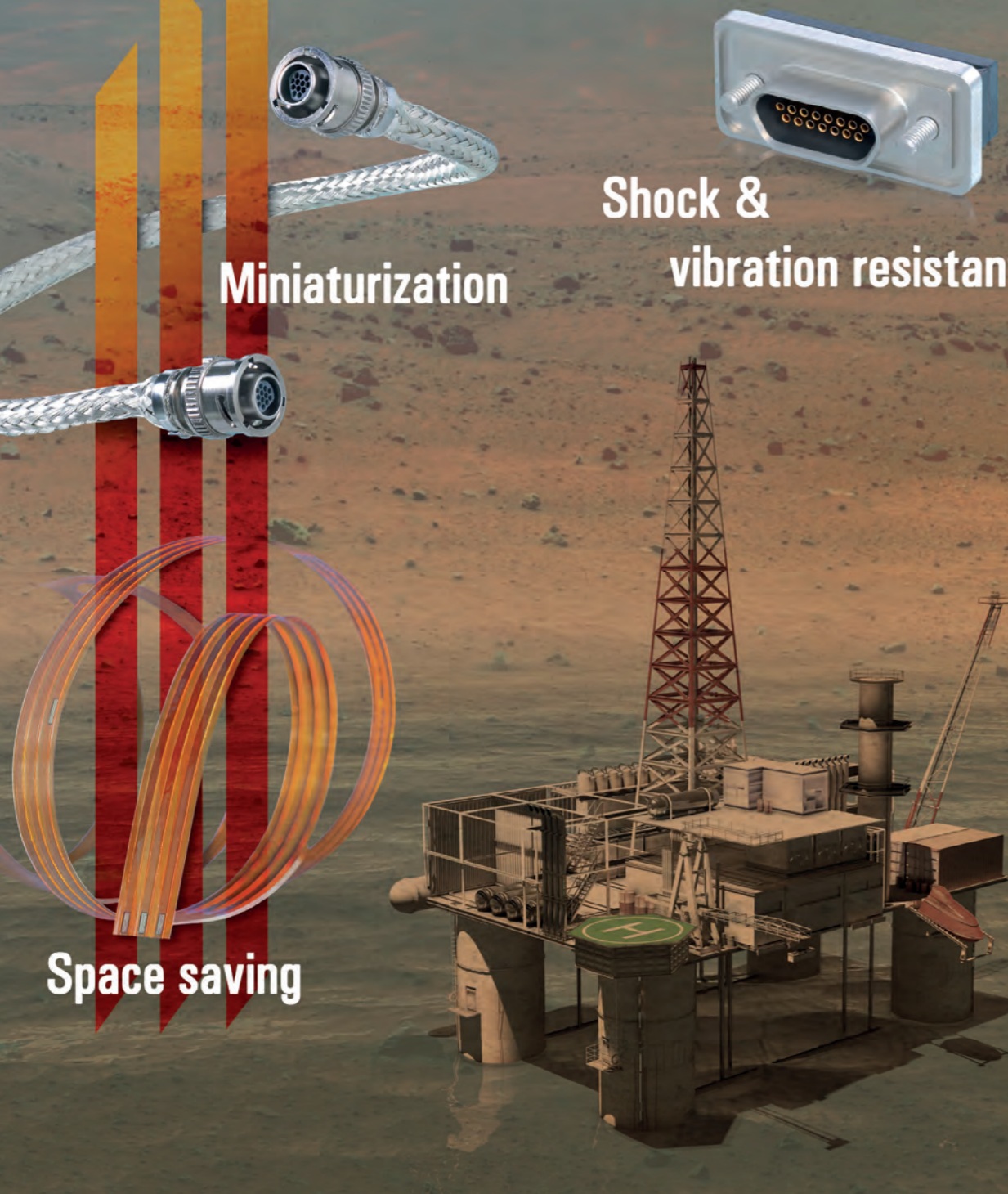
Cables & Interconnect for oil & gas exploration

Miniaturization

Shock &
vibration resistant

Space saving

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Cables & Interconnect for oil & gas exploration

Axon' Cable's expertise in cabling engineering



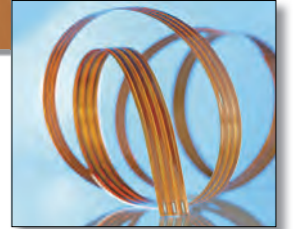
Axon' Cable is a world leader in interconnect systems. The company excels in the design and manufacture of wires, cables, harnesses, connectors and integrated systems for demanding applications in high technology markets such as oil & gas, aeronautics, military, space, medical electronics, research centers, automotive and consumer electronics.

Axon' Cable's engineers are equipped with the latest simulation and co-design tools to assist customers at every stage of the development of a product: idea, concept, prototypes, industrialization, volume ramp-up and mass production. Axon' Cable will bring cost-effective solutions based on Lean Engineering and Lean Manufacturing principles. With an annual investment of 10% of its turnover into Research & Development, innovation is clearly what drives the Axon' Cable Group.

Space saving

Flat cables can be offered when space is limited. They are also lightweight, have a long lifetime and resist severe operating conditions like shocks, vibrations and thermal expansion.

Flat cables can connect batteries in very severe environment, for example, like the ones used in solar panels which have to withstand ultraviolet radiations.



High temperatures

Axon' Cable manufactures thermocouple cables for temperature probes. For devices operating at high temperatures, the company, expert in miniature Fluor-based wires, offers cables resistant to temperatures ranging from -90°C to + 260°C.

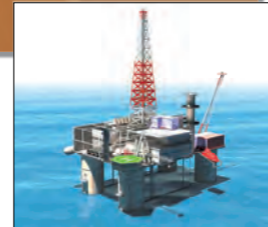
Flexforce™ Flexible power cables and cable assemblies are able to meet requirements of wind power and marine current power.

From watertight round cables to pipeline heating cables, the French group offers tailor-made solutions.



Interconnect for harsh environments

High temperatures, explosive environment, resistance to oils, pressure, shocks and vibrations. These are some of the challenges oil & gas and renewable energy companies have to face. From the early stages of the design of its cable assemblies, cables and connectors, Axon' Cable, expert in harsh environment interconnect solutions, takes these requirements into account.

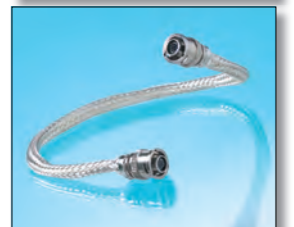


One-stop shop solutions and miniaturization

In addition to round and flat cables, Axon' Cable offers complete connected cable assemblies. These watertight overmolded harnesses resist severe environments. Terminated with Micro-D miniature connectors, cable assemblies designed by Axon' Cable are particularly well-suited for tools with very limited cabling space. Despite their small size, Micro-D connectors are highly resistant to shocks and vibrations.

The group offers a complete range of rectangular Micro-D connectors: PCB, pigtailed, savers, strips, solder cups and complex multi-branched harnesses. For the most demanding oil & gas applications, filtered, non-magnetic, hermetic and circular connectors are available.

Axon' Cable also offers spiral cords for dynamic applications where parts of equipment may be subject to repetitive motions, for example.



A wide range of products for extreme operating conditions

Whether it is for land or offshore oil & gas exploration, cables and interconnect have to be highly resistant to oils, chemicals and explosive environments. Designed to endure these conditions, Axon' Cable's multi-element cables are insulated with materials such as polyurethane, FEP and compounds (e.g. Poliax) formulated by the company's engineers.

Countless cable constructions including twisted pairs, shielded, high-flex, power and coaxial cables can be offered for downhole applications and tanker safety cables.



Board-to-board interconnects

Axon' Cable offers Flat Flexible Cables (FFC) for board-to-board connections. Designed for sensors and flat displays, flat cables with flat conductors save space and weight in electronic systems and are easily and quickly connected to PCBs.

