

## 50 YEARS OF EXPERTISE

Ranging from automotive industry to aeronautics, space and medical, research centres and energy applications, Axon' has developed wires, cables, connectors and cable assemblies designed for these markets since 1965. Weight saving, miniaturisation, radiation and temperature resistance are some of the challenges the company has to face.

Small quantities but also large series can be offered, manufactured with reliable and automated production lines. The headquarters of the company are located in Montmirail in France (100 km east of Paris) and employs around 1800 staff worldwide in 12 subsidiaries across Europe, America and Asia.

## AXON' WORLDWIDE



**axon'**  
cable & interconnect

# CABLES & interconnect SYSTEMS

**axon'**  
cable & interconnect

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Axorad™, Vibraflame®, Flexforce®, Axospiral™:  
REGISTERED TRADEMARKS OF AXON' CABLE



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for **EXTREME**  
operating  
**CONDITIONS**

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# SOLUTIONS FOR RESEARCH CENTRES & ENERGY APPLICATIONS

Axon's products designed for these application areas have to meet extreme operating conditions :

- radiation resistance up to 70 MGy
- compliance with vacuum / ultra-vacuum environment
- resistance to extreme temperatures : cryogenic temperatures 4mK / high temperatures > 260°C
- non magnetic characteristics
- electromagnetic compatibility (shielding)



Our experience in the development of specific insulation materials, cable design and interconnect techniques allows us to take up these challenges.

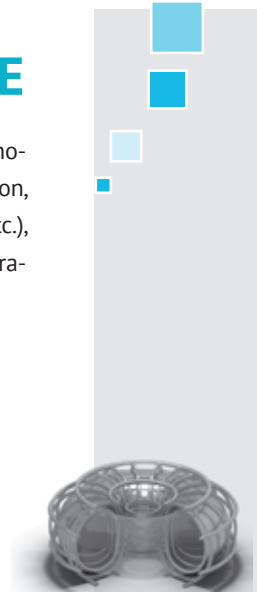
In addition, Axon' is equipped with important simulation and measurement means to predict the quality of the cable shielding even before production.



## AXON' HERITAGE

Axon's solutions have already been chosen for instrumentation (quench detection, thermal chain, radiation measurement etc.), remote handling, power supply and calibration systems for the following projects:

- ITER (CEA Cadarache, France)
- Tore Supra (CEA Cadarache, France)
- JET and MAST (CCFE, UK)
- JT 60 (JAEA, Japan)
- EAST, WEST (CEA Cadarache / ASIPP China)



## PRODUCT OFFER

Cables, connectors, harnesses and mini-systems, such as for example:

- radiation resistant wires and cable Axorad™
- high temperature cables Vibraflame®
- PTFE insulated wires
- low smoke zero halogen wires and cables
- flexible power cables Flexforce®
- spiral cables Axospiral™
- Flat Flexible Cables
- Micro-D connectors (including combo, non magnetic and hermetic versions)
- cable assemblies to your needs
- etc.

