

SEDI-ATI Fibres Optiques offers customized and optimized fiber optical solutions for Harsh and Extreme environments:

SEDI-ATI is very active on many different markets which requires specific constraints including Harsh and Extreme environments and provide optimized fiber optics solution for each application: Fiber optics for sensors and measurements, Military, Energy, aerospace, research and medical applications. Fibers can be integrated under high or low temperatures (600°C to 1000°C as well as cryogenic T°), in geophysics up to 1 500 bar and even until 5 000 bar for detonic....



Optical hermetic feedthrough for High voltage insulators under pressure

SEDI-ATI technology portfolio offers solutions which can withstand very critical environments or highly perturbed by electromagnetic fields. In spectroscopy and process control, SEDI-ATI supplies assemblies integrated downhole in oil wells. Even so, **SEDI-ATI** is working on a project to install fibers in the heart of a nuclear power plant.

40 % of the turnover dedicated to Export area: SEDI-ATI offers a range of passive components such as Couplers, WDM, Filters, hermetic feedthroughs for hostile environment, bundles, arrays, complex assemblies and medical probes.

With 45 highly trained professionals, a strong R&D team, a certified Quality system ISO 9001 and ISO 13485, the company has in house resources required to realize, validate and qualify their realizations in the critical environments

Two clean rooms are available as well as essential factory equipment such as two evaporation chambers, spectrometer, OTDR, special plasma glass bench, precision turning machine, pressure test bench, helium leak bench, ...

SEDI-ATI is a partner of very important research projects such as: *LHC hadron collider of CERN, ANTARES neutrino underwater telescope, VLT (Very Large Telescope) in Chili, PHARAO spatial clock, JET in UK preliminary to ITER...*

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For additional information, please visit our website <http://www.sedi-ati.com>