

Leviton's FastCAM Fiber Optic Connectors

Leviton's new FastCAM™ pre-polished fiber optic connectors provide precision mechanical termination of single-mode or multimode fiber.

By eliminating the need for proprietary tools, epoxy and time-consuming hand polishing, these field-installable connectors can be installed virtually anywhere, including all types of premise environments – fiber to the desk, telecommunications rooms, patch panels, and zone cabling schemes.

FastCAM connectors require a short learning curve, allowing the installer to quickly strip the buffer, cleave, and insert the fiber into the FastCAM Connector, and release the factory installed wedge clip for an immediate, low insertion loss connection.

Available in LC, SC and ST styles, Leviton's FastCAM fiber optic connectors fit 250µm and 900µm cables with single-mode and 50µm/62.5µm multimode fiber options and meet TIA/EIA 568A performance requirements.

For more information, visit www.leviton.com.

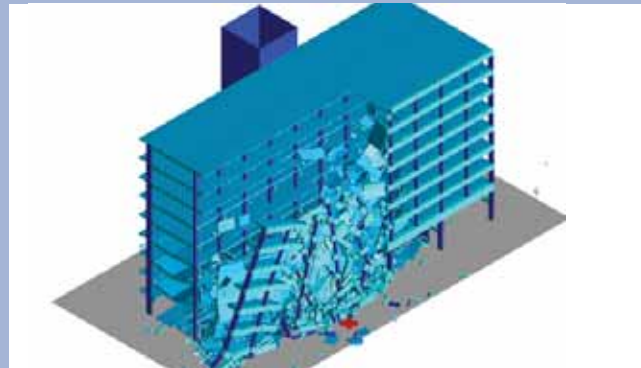


Applied Science International Raises Risk Assessments to Unprecedented Levels of Realism

Applied Science International, LLC, Raleigh, N.C., has developed a new technology that models and simulates the behavior of structures subjected to explosions, earthquakes, hurricane force winds and progressive collapses. Collectively classified as extreme loading conditions, the amount and duration of the forces applied are what need to be understood in order to prevent disastrous consequences. Accurate Vulnerability and Risk Assessment is what ASI's breakthrough technology provides in the face of both man-made and natural threats.

ASI developed the ability to create a near virtual reality scenario, allowing its clients to see a full motion video of what will happen when an event takes place, whether it's a bomb within a building's perimeter, an earthquake underneath it, or a hurricane assaulting it from the side. ASI's Risk Assessment Service takes the guess work out of decision making by partnering with building owners, security providers, property management firms, structural engineers, insurance underwriters and demolition contractors to leverage expertise during the assessment process. ASI's team of scientists and engineers has improved the risk assessment processes and progressive collapse guidance now available in FEMA, DoD and USACE publications.

ASI developed the Applied Element Method (AEM) to more closely approximate reality than the standard Finite Element Method (FEM). AEM simulations allow elements to



separate during failure and collide with adjacent elements; the way it really happens. FEM simulations appear as melting plastic models with no separation of elements.

ASI can easily model a glass panel or multi-layered panels and connections and simulate behavior under extreme loads, contributing significantly to material selection, casualty assessment and wind-blown hazard analysis.

ASI's AEM-based tools model and simulate threat scenarios – in hours not days. This rapid-prototyping capability allows engineers and security firms to consider performance-based design options more quickly and thoroughly – in days not weeks.

Visualizing predicted structural response brings a new level of understanding and informed decision making to constructing, retrofitting or securing a building through a modification of the structural design, a relocation of key assets, an extension of the building's perimeter, a changing the of the glazing, or the implementation of new security procedures.

For more information, visit www.extremeloading.com.