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FOR IMMEDIATE RELEASE

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Fiberguide's Multimode Fibers Provide Accurate High Power Laser Delivery
Lightweight and flexible optical fibers eliminate heavy articulated arms

Stirling, N.J. (January 11, 2010) – Delivery of high power laser light in scientific, military, and industrial/ commercial applications normally requires bulky, inconvenient and often heavy articulated arms. For a more efficient approach to laser delivery, Fiberguide Industries offers its multimode, step-index optical fibers.

Fiberguide's multimode fibers are a simple way to accurately deliver high power laser beams. They feature an air-gap design, where the fiber extends into free space. This provides an epoxy-free region where thermal energy can be safely dissipated without burning the surrounding material, a common cause of failure in standard connectors. To maximize power handling and beam uniformity, fiber end surfaces are cleaved and then laser polished to eliminate contaminants, scratches, chips and pits.

Standard core diameters of 100µ, 200µ, 300µ, 400µ, 600µ, 1000µ and 1500µ are available, with non standard diameters available upon request. To aid in the correct fiber diameter selection for each particular application, Fiberguide's new data sheets provide updated technical information. To download a data sheet, visit the following link:
http://fiberguideindustries.thomasnet.com/Asset/HighPower%2012-02-09.pdf

-more-

Multimode Fibers, continued

For additional information on these and other Fiberguide products and services, contact Fiberguide Corporate at 908-647-6601, email info@fiberguide.com or visit www.fiberguide.com.

Fiberguide Industries, Inc. manufactures a comprehensive line of standard and custom high optical transmission fibers, OEM assemblies and ultra precision arrays. The company is a part of the global Halma technology group, which also includes photonics specialists Ocean Optics (www.oceanoptics.com), a leader in spectroscopy and optical thin films; and Labsphere (www.labsphere.com), a recognized expert in the light metrology field. FDA registered as a Contract Manufacturer and Custom Device Manufacturer, Fiberguide's corporate and optical fiber manufacturing facilities are located in Stirling, New Jersey, with a manufacturing/assembly facility in Caldwell, Idaho.

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CAPTION: Fiberguide's multimode optical fibers for accurate high power laser delivery.

A high res photo may be downloaded from:
http://halmapr.com/fiberguide/FG MultimodeFibers EMAIL.jpg

(If the HalmaPix Login screen does not appear by clicking this link, copy and paste the link into your browser's address bar.)