

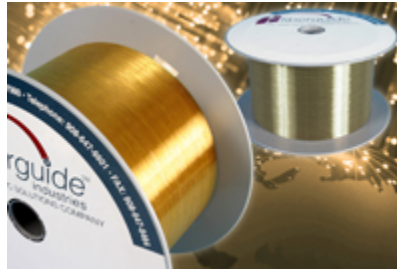


Press Release FG05-10

## Gold and Aluminum Coated Fibers from Fiberguide Industries

*Metal jacket series of optical fibers can withstand temperatures up to 700°C*

Stirling, N.J. (May 25, 2010) – Delivering reliable operation in extreme conditions, Fiberguide Industries provides its metal jacket series of gold and aluminum coated optical fibers. These fibers have proven effective in a number of scientific applications including Raman spectroscopy for high temperature analytical measurements.



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Originally developed for ultra high reliability telecommunications, the metal coating preserves the fiber's mechanical strength and provides resistance against static fatigue caused by long term tensile loading. Gold and aluminum coated fibers also can withstand a wide range of temperatures, with aluminum coated fibers rated from -269°C to +400°C and gold rated from -269°C to 700°C.

Gold or aluminum coating can be applied on continuous lengths to a wide variety of multimode, step index, graded index and single mode fibers. Core to clad ratios of 1.1, 1.2 and 1.4 are available with numerical apertures of 0.12 and 0.26. Non-standard sizes can also be manufactured by request.

For additional information on these and other Fiberguide products and services, including new data sheets to assist with fiber selection, contact Fiberguide Corporate toll free at 877-490-7803, email [info@fiberguide.com](mailto:info@fiberguide.com) or visit [www.fiberguide.com](http://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](http://www.oceanoptics.com)), a leader in spectroscopy and optical thin films; and Labsphere ([www.labsphere.com](http://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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This Press Release and an archive of all Fiberguide news can also be found on the Fiberguide News Blog at: <http://halmapr.com/news/fiberguide>

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