

# What is the patent for hollow-core optical fiber

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**TECHNICAL FIELD** The present invention relates to an optical fiber termination structure, an optical connection component, and a hollow-core optical fiber.

A method of manufacturing a hollow core optical fiber including a vapor deposition step comprising vapor depositing a silica soot coating from one or more source materials over an outer surface of a ...

A device helps send data from solid core optical fibers to a hollow core fiber. It uses a multiplexer to combine signals from multiple fibers. A special optical system processes the light from the ...

The present disclosure is generally directed to hollow core optical fibers, and more specifically to anti-resonant hollow core optical fibers including methods of making thereof.

A method of manufacturing a hollow core optical fiber including a vapor deposition step comprising vapor depositing a silica soot coating from one or more source materials over an outer ...

Patent Number 10,816,721 B1 for hollow-core Fiber with Anti-Resonant Arches and Method of Manufacturing Thereof

The present invention relates to anti-resonant hollow-core optical fibers. Hollow-core optical fibers have been studied and developed for nearly eighty years.

The present invention also extends to the above-described fiber in combination with a solid-core fiber, and optionally directly spliced thereto, wherein the hollow-core fiber has a mode...

An anti-resonant hollow core optical fiber preform comprising: wherein the plurality of structural tubes are each bonded to the central support tube.

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