

## Automated Assembly Process for Pigtail Fibers



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To automate the laser fiber alignment phase of the assembly process, we developed a system to control three microstepper motor driven stages and two piezoelectric stages.



Our manufacturing solutions are designed for businesses looking to mass-produce fiber optic patch cables, pigtails, and splitters with factory-grade consistency.



Subsequent generations of the AFPM may build upon the design concepts developed here to pigtail fibers to OE devices in more complicated geometries. For example, all applications for ...



The Automated Fiber Pigtail Machine (AFPM) provides automatic fiber alignment and attachment in an optoelectronic (OE) assembly process. The AFPM is designed in a modular manner for...



Manufacturing Equipment Manufacturing Equipment for Fiber Optic Cable Assembly Manufacturing including Patch Cords, Pigtailed, and Terminated Devices Epoxy Dispensers and Vacuums ...



That's why a "one-up", end-to-end automated fiber assembly manufacturing process--from spooled fiber through polished ferrules and connectorization--has been developed and is currently...



RTS Wright Industries, a leading manufacturer of automation equipment, designed a modular, semi-automatic system for the assembly of fiber optic pigtailed. Operators load pre-cut fiber cable on to a ...



AEC uses the AFP process to manufacture wing skins and other structures. With the capability to place and independently control 32 individual fiber tows, each 1/8" wide, material can be placed and ...



Automating the fiber pigtail fabrication process improves the assembly of fiber optic components by eliminating the problems associated with human intervention. KSaria Corp.'s Prima automated fiber ...



These Automated Fiber Pigtailed Machines (AFPMS) are intended to be compatible with a manufacturing environment and have a modular design for standardization of parts and machine ...

## Contact Us

For more information, pricing, or custom network solutions, please contact us:

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