

**Position: Fiber Optic Engineer**

Location: MA

Experience: 5+ years in fiber optic system/component engineering

Education: BS in Physics, Optics, or Electrical Engineering / MS or PhD a plus

**Job Description:**

Support an interdisciplinary team of scientists and engineers on different project assignments focused on the design, modeling, test and transfer to manufacturing of fiber-optic components and sub-systems. Primary responsibilities include supporting laboratory product integration and low volume manufacturing, development of hardware for fiber optic communication systems, implementing design methods and techniques for components and system testing of high-speed digital and optical modules and sub-systems and development of mathematical models for performance analysis. Additional responsibilities include support of proposal teams, working with customers on product definition and completing tasks according to schedule, budget, cost and design objectives.

**Qualifications:**

§ Experience in fiber optic system/component engineering

§ Thorough understanding and experience with fiber optics components, such as diode lasers, external modulators, various fibers types, couplers, isolators, WDMs, tunable filters, EDFAs, dispersion compensators, fiber switches, receivers, etc.

§ Experience in the fundamentals of fiber optic sub-systems assembly, including fiber pig-tailing, splicing, connectorization and optical packaging.

§ Hands-on laboratory use of a variety of test equipment including OSA, OTDR, Optical Power Meters, Communication Analyzers, etc.

§ Understanding of fiber optic transmission and digital communication theory

§ Knowledge of high speed optoelectronic test equipment for SONET and Ethernet optical modules a plus

§ US citizenship is a strict requirement for security clearance purposes

**PLEASE REPLY TO:**

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