



NOTIFICATION OF POSITION OPENING

Product Development Engineer

Reporting to: VP Product Development

1. **Purpose of Position:**

Design and develop fiber optic connectors, connector components and connector processes. Develop, plan, and coordinate projects and technical aspects of fiber optic connector/ferrule customer requirements through direct involvement with Applications Engineering and Sales.

2. **Major Responsibilities:**

- Design and develop multi-fiber optical connectors.
- Develop strategic supplier relationships as appropriate
- Plan and coordinate projects for each new product assigned including scheduling of resources and status reports
- Maintain a high level of expertise in the following areas: fiber, cable, PCB and TX/RX connectors, connector installation, testing, and troubleshooting.
- Prepare all specifications, documents and forms necessary to transfer products to manufacturing, marketing, and sales.
- Prepare conference papers on new technology or products.
- Provide technical assistance as required by US Conec Marketing, Sales, and Manufacturing groups.
- Maintain documentation for possible patent submission.
- Act as a focal point for all technical issues on fiber, cable, connectors, hardware and system performance for US Conec Marketing and Sales Groups.
- Propose new product ideas to add to current US Conec's product line.

3. **Key Decision Areas:**

- Determine the most cost effective approaches meeting internal and external customer requirements.
- Prioritize internal requests.
- Recommending best course of action in solving internal and external problems; i.e. project planning.

4. **Equipment Used:**

- Personal Computers
- Software packages: MS Excel, MS Word, CAD
- Optical test equipment, microscopes, Surface Profiler, Interferometer, environmental chambers, optical fiber termination equipment
- Optical modeling and finite element analysis

5. **Criteria for Performance Evaluation: (Guidelines for Objectives):**

- Ability to work independently with minimum direction and supervision.
- Public speaking and presentation skills
- Operational and theoretical knowledge of US Conec's full range of products
- Writing abilities with an emphasis on organizing and succinctly conveying ideas
- Strong interpersonal skills
- Consistent ability to accomplish assigned and agreed upon objectives

6. **Personnel Directed:**

Product development staff

7. **Education and Skill Required:**

- BS in technical or engineering field
- 5 years previous work experience in fiber optic industry or communications systems (This can include cooperative education programs.)
- Fundamental working knowledge of computers to include word processing, presentation, and spreadsheet or database programs
- CAD
- Statistical Analysis
- Background in optics and/or optical modeling highly desired