



Job Description

Job Title: Applications Engineering Intern
Department: Operations
Reports To: Fiber Optic Engineer
FLSA Status: Part-Time to Full Time

Verified By: Marc Steiner
Approved By: Katie Pappas
Date: 5/23/2018

Basic Function

Analyzes customer and company requirements to develop standard and custom fiber optic cable assemblies and related products. Ensures work instructions are accurate and meet the objectives of the Quality Management System. As an intern, the candidate will work under close supervision and mentorship of other engineers.

Responsibilities

1. Provides product, service, or equipment technical and engineering information by answering questions and requests for custom fiber optic cable assemblies.
2. Prepares cost estimates by studying blueprints, plans, and related customer documents; consulting with engineers and other professional and technical personnel.
3. Maintaining records of customer communication, sales activity, and engineering change orders.
4. Determine improvements by analyzing cost-benefit ratios of equipment and recommend product enhancements and new product families in response to market needs supplies, or service applications in customer environment; engineering or proposing changes in equipment, processes, or use of materials or services (Engineer services)
5. Complies with industry requirements by studying existing and new changes to hardware and networking platforms; anticipating future changes; advising customers on product, service, or equipment adherence to requirements; advising the customer on needed actions
6. Has knowledge of fiber optic hardware solutions, competitor offerings and can demonstrate competitive advantages.
7. Ability to identify a problem, perform experiments to investigate and solve the problem, and then implement the solution
8. Ability to be self-managed and think freely and most importantly, be flexible.
9. Exceptional communication skills (written and verbal) with emphasis on active listening and technical documentation. Must be able to reinterpret and communicate high level technical jargon in a simplified manner.
10. Ability to understand and interpret fiber optic and electrical wire diagrams, schematics, and technical drawings. Must be able to recreate drawings in a simplified manner.
11. Must have the ability to organize, coordinate and prioritize work load and to meet deadlines.
12. Great clerical skills.

Skills

Problem Solving
Written Communication Skills
Technical Communication
Math Aptitude

Product Development
Planning
Project Management
Requirements Analysis

Education/Training

- Bachelor's Degree in engineering or related technical discipline; current undergraduates or technical school students with sufficient course work in basic electrical or mechanical engineering encouraged to apply
- Demonstrated intermediate skill with Microsoft Access, Excel, Word and Power Point
- Experience with Auto CAD or related engineering drawing and schematic software
- Military (primarily Naval Shipboard) Fiber Optic, and Signal Cable (including cable infrastructure), Coaxial product/technical experience preferred