

Mechanical Design Engineer – Fiber Optics Job Description

Department: Engineering
Reports to: Engineering Manager
FLSA Status: Exempt
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Key Responsibilities:

1. Design connectors and related products for fiber and copper connectivity market.
2. Create bills of materials and production drawings for released product.
3. Develop and test prototypes, prepare 3D models for rapid prototyping.
4. Assist manufacturing engineering to design tooling, test, and assembly fixtures.
5. Create initial manufacturing documentation including assembly instructions with photographs, 3D models, and instructions for correct use of tooling and process.
6. Using the Engineering Request system, completing required tasks in a timely manner.

Qualifications:

1. Bachelors in Engineering, Electronics or related field or equivalent. (Preferable in Physics, Optics, Electrical)
2. Candidate must have experience and demonstrated skill in 3D solid modeling software – ideally, SolidWorks.
3. Knowledge of common industry machining and molding capabilities.
4. Experience in cable or electro-mechanical assembly industry preferred.
5. Familiarity with MS Office applications required and experience with AutoCAD and Visio desirable.
6. Experience in formal product data management and engineering release systems.
7. Minimum 2-3 years' experience in electronics manufacturing or laboratory environment.
8. Good communication skills and the ability to operate in a team environment.

EOE - M/F/H/V